Save-2008-11-10_054052?logon

*** It is now 2008/11/10 07:43:10 ***
 (Dialog time 2008/11/10 07:43:10)

? set hi on

HILIGHT set on as '' ''

? set kwic 50

KWIC is set to 50.

? set alias allpatents 347,348,349,350

ALLPATENTS is set ON as an alias for 347,348,349,350

? set alias business 2,6,8,34,35,56,60,65,95,99,144,256,266,434,474,475,583

BUSINESS is set ON as an alias for
2,6,8,34,35,56,60,65,95,99,144,256,266,434,474,475,583

? set alias npl
9,15,16,20,47,98,148,160,275,369,370,484,553,610,613,621,624,634,635,636,647,674,696
,810,813

NPL is set ON as an alias for
9,15,16,20,47,98,148,160,275,369,370,484,553,610,613,621,624,634,635,636,6-
47,674,696,810,813

? b allpatents

        10nov08 07:43:39 User264682 Session D43.4
             $0.46   0.040 DialUnits File347
        $0.46 Estimated cost File347
             $0.43   0.040 DialUnits File2
        $0.43 Estimated cost File2
             $0.23   0.040 DialUnits File9
        $0.23 Estimated cost File9
             OneSearch, 3 files, 0.121 DialUnits FileOS
        $1.12 Estimated cost this search
        $6.42 Estimated total session cost   0.833 DialUnits

SYSTEM:OS   - DIALOG OneSearch
   File 347:JAPIO Dec 1976-2007/Dec(Updated 080328)
        (c) 2008 JPO & JAPIO
   File 348:EUROPEAN PATENTS 1978-200845
        (c) 2008 European Patent Office
   File 349:PCT FULLTEXT 1979-2008/UB=20081030|UT=20081023
        (c) 2008 WIPO/Thomson
   File 350:Derwent WPIX 1963-2008/UD=200871

```
Set   Items   Description
---   -----   -----------
```

? s (PD < 20031217) and (content or document) (15N) (distribut? or redistribut?
or deliver? or transfer? or transmit?) (40N) (network or Internet) and (bill? or
pay or payment or charg?)

```
         23137140   PD<20031217
          1325369   CONTENT
           667521   DOCUMENT
          1672358   DISTRIBUT?
            25081   REDISTRIBUT?
           979614   DELIVER?
          2340910   TRANSFER?
          2172029   TRANSMIT?
          1017616   NETWORK
           367855   INTERNET
            50065   (CONTENT OR DOCUMENT) (15N) (((( DISTRIBUT? OR REDISTRIBUT?)
                    OR DELIVER?) OR TRANSFER?) OR TRANSMIT?) (40N) (NETWORK OR
                    INTERNET)
           187387   BILL?
            73285   PAY
            73060   PAYMENT
          1549285   CHARG?
     S1     8397    (PD < 20031217) AND (CONTENT OR DOCUMENT) (15N)
                    (DISTRIBUT? OR REDISTRIBUT? OR DELIVER? OR TRANSFER? OR
                    TRANSMIT?) (40N) (NETWORK OR INTERNET) AND (BILL? OR PAY
                    OR PAYMENT OR CHARG?)
```

? s s1 and (terminal or client or user or customer or subscriber or distributor
or retailer or retailor) (10W) (replicat? or duplciat? or reproduc? or copy or
deliver? or distribut? or redistribut? or transfer?) (10W) (other or another or
different or second or plurality) (3W) (terminal or client or user or customer
or subscriber)

Processing
```
            8397    S1
          1583672   TERMINAL
           185998   CLIENT
          1471346   USER
           166917   CUSTOMER
           141534   SUBSCRIBER
           109845   DISTRIBUTOR
             9877   RETAILER
               13   RETAILOR
           149621   REPLICAT?
                5   DUPLCIAT?
           712975   REPRODUC?
           318654   COPY
           979614   DELIVER?
          1672358   DISTRIBUT?
            25081   REDISTRIBUT?
```

```
         2340910   TRANSFER?
         6738519   OTHER
         2916762   ANOTHER
         2986798   DIFFERENT
         4685701   SECOND
         2668527   PLURALITY
         1583672   TERMINAL
          185998   CLIENT
         1471346   USER
          166917   CUSTOMER
          141534   SUBSCRIBER
           28483   (((((((((TERMINAL OR CLIENT) OR USER) OR CUSTOMER) OR
                    SUBSCRIBER) OR DISTRIBUTOR) OR RETAILER) OR
                    RETAILOR)(10W)(((((((REPLICAT? OR DUPLCIAT?) OR
                    REPRODUC?) OR COPY) OR DELIVER?) OR DISTRIBUT?) OR
                    REDISTRIBUT?) OR TRANSFER?)(10W)((((OTHER OR ANOTHER) OR
                    DIFFERENT) OR SECOND) OR PLURALITY)(3W)((((TERMINAL OR
                    CLIENT) OR USER) OR CUSTOMER) OR SUBSCRIBER)
   S2     1586   S1  AND (TERMINAL OR CLIENT OR USER OR CUSTOMER OR
                    SUBSCRIBER OR DISTRIBUTOR OR RETAILER OR RETAILOR) (10W)
                    (REPLICAT? OR DUPLCIAT? OR REPRODUC? OR COPY OR DELIVER?
                    OR DISTRIBUT? OR REDISTRIBUT? OR TRANSFER?) (10W) (OTHER
                    OR ANOTHER OR DIFFERENT OR SECOND OR PLURALITY) (3W)
                    (TERMINAL OR CLIENT OR USER OR CUSTOMER OR SUBSCRIBER)
```

? s s2 and server (10N) (stor? or memory or maintain?) (15N) (accounting or billing or payment or charg?) (10N) (balance or information or data)

```
            1586   S2
          436607   SERVER
         3736289   STOR?
         1607126   MEMORY
         2126587   MAINTAIN?
           46746   ACCOUNTING
           35006   BILLING
           73060   PAYMENT
         1549285   CHARG?
          490458   BALANCE
         3295872   INFORMATION
         3217151   DATA
            8810   SERVER(10N)((STOR? OR MEMORY) OR
                    MAINTAIN?)(15N)(((ACCOUNTING OR BILLING) OR PAYMENT) OR
                    CHARG?)(10N)((BALANCE OR INFORMATION) OR DATA)
   S3      347   S2  AND SERVER (10N) (STOR? OR MEMORY OR MAINTAIN?) (15N)
                    (ACCOUNTING OR BILLING OR PAYMENT OR CHARG?) (10N)
                    (BALANCE OR INFORMATION OR DATA)
```

? s s3 and (traffic or connection or communication) (5N) (interrupt ot interruption or disrupt?)

Processing
Processing

```
             347   S3
```

```
       214708   TRAFFIC
      1900513   CONNECTION
      2240937   COMMUNICATION
            0   INTERRUPT OT INTERRUPTION
       141911   DISRUPT?
         3283   ((TRAFFIC OR CONNECTION) OR COMMUNICATION)(5N)(INTERRUPT
                OT INTERRUPTION OR DISRUPT?)
   S4      17   S3 AND (TRAFFIC OR CONNECTION OR COMMUNICATION) (5N)
                (INTERRUPT OT INTERRUPTION OR DISRUPT?)
```

? s s1 and (bill? or pay or payment or charg?) (40N) (traffic or connection or communication) (5N) (interrupt ot interruption or disrupt?)

Processing
Processing

Processing
```
         8397   S1
       187387   BILL?
        73285   PAY
        73060   PAYMENT
      1549285   CHARG?
       214708   TRAFFIC
      1900513   CONNECTION
      2240937   COMMUNICATION
            0   INTERRUPT OT INTERRUPTION
       141911   DISRUPT?
          139   (((BILL? OR PAY) OR PAYMENT) OR CHARG?)(40N)((TRAFFIC OR
                CONNECTION) OR COMMUNICATION)(5N)(INTERRUPT OT
                INTERRUPTION OR DISRUPT?)
   S5      10   S1 AND (BILL? OR PAY OR PAYMENT OR CHARG?) (40N)
                (TRAFFIC OR CONNECTION OR COMMUNICATION) (5N) (INTERRUPT
                OT INTERRUPTION OR DISRUPT?)
```

? t s5/3,k/all

? t s5/3,k/1

>>> User not logged in or session timeout

>>> User not logged in or session timeout? logon

*** It is now 2008/11/10 08:03:33 ***
 (Dialog time 2008/11/10 08:03:33)

? set hi on

HILIGHT set on as ''   ''

? set kwic 50

KWIC is set to 50.

? set alias allpatents 347,348,349,350

ALLPATENTS is set ON as an alias for 347,348,349,350

? set alias business 2,6,8,34,35,56,60,65,95,99,144,256,266,434,474,475,583

BUSINESS is set ON as an alias for
2,6,8,34,35,56,60,65,95,99,144,256,266,434,474,475,583

? set alias npl
9,15,16,20,47,98,148,160,275,369,370,484,553,610,613,621,624,634,635,636,647,674,696
,810,813

NPL is set ON as an alias for
9,15,16,20,47,98,148,160,275,369,370,484,553,610,613,621,624,634,635,636,6-
47,674,696,810,813

? b allpatents

       10nov08 08:04:28 User264682 Session D44.4
              $0.46   0.040 DialUnits File347
       $0.46   Estimated cost File347
              $0.43   0.040 DialUnits File2
       $0.43   Estimated cost File2
              $0.23   0.040 DialUnits File9
       $0.23   Estimated cost File9
              OneSearch, 3 files, 0.121 DialUnits FileOS
       $1.12   Estimated cost this search
       $6.49   Estimated total session cost   0.828 DialUnits

SYSTEM:OS - DIALOG OneSearch
   File 347:JAPIO Dec 1976-2007/Dec(Updated 080328)
           (c) 2008 JPO & JAPIO
   File 348:EUROPEAN PATENTS 1978-200845
           (c) 2008 European Patent Office
   File 349:PCT FULLTEXT 1979-2008/UB=20081030|UT=20081023
           (c) 2008 WIPO/Thomson
   File 350:Derwent WPIX 1963-2008/UD=200871
           (c) 2008 Thomson Reuters

     Set Items Description
     --- ----- -----------

? s (PD < 20031217) and (content or document) (15N) (distribut? or redistribut?
or deliver? or transfer? or transmit?) (40N) (network or Internet) and (bill? or
pay or payment or charg?)

       23137140 PD<20031217

```
    1325369   CONTENT
     667521   DOCUMENT
    1672358   DISTRIBUT?
      25081   REDISTRIBUT?
     979614   DELIVER?
    2340910   TRANSFER?
    2172029   TRANSMIT?
    1017616   NETWORK
     367855   INTERNET
      50065   (CONTENT OR DOCUMENT)(15N)((((DISTRIBUT? OR REDISTRIBUT?)
                OR DELIVER?) OR TRANSFER?) OR TRANSMIT?)(40N)(NETWORK OR
                INTERNET)
     187387   BILL?
      73285   PAY
      73060   PAYMENT
    1549285   CHARG?
S1    8397   (PD < 20031217) AND (CONTENT OR DOCUMENT) (15N)
                (DISTRIBUT? OR REDISTRIBUT? OR DELIVER? OR TRANSFER? OR
                TRANSMIT?) (40N) (NETWORK OR INTERNET) AND (BILL? OR PAY
                OR PAYMENT OR CHARG?)
```

? s s1 and (terminal or client or user or customer or subscriber or distributor
or retailer or retailor) (10W) (replicat? or duplciat? or reproduc? or copy or
deliver? or distribut? or redistribut? or transfer?) (10W) (other or another or
different or second or plurality) (3W) (terminal or client or user or customer
or subscriber)

```
       8397   S1
    1583672   TERMINAL
     185998   CLIENT
    1471346   USER
     166917   CUSTOMER
     141534   SUBSCRIBER
     109845   DISTRIBUTOR
       9877   RETAILER
         13   RETAILOR
     149621   REPLICAT?
          5   DUPLCIAT?
     712975   REPRODUC?
     318654   COPY
     979614   DELIVER?
    1672358   DISTRIBUT?
      25081   REDISTRIBUT?
    2340910   TRANSFER?
    6738519   OTHER
    2916762   ANOTHER
    2986798   DIFFERENT
    4685701   SECOND
    2668527   PLURALITY
    1583672   TERMINAL
     185998   CLIENT
    1471346   USER
     166917   CUSTOMER
     141534   SUBSCRIBER
      28483   (((((((((TERMINAL OR CLIENT) OR USER) OR CUSTOMER) OR
                SUBSCRIBER) OR DISTRIBUTOR) OR RETAILER) OR
                RETAILOR)(10W)(((((((REPLICAT? OR DUPLCIAT?) OR
                REPRODUC?) OR COPY) OR DELIVER?) OR DISTRIBUT?) OR
                REDISTRIBUT?) OR TRANSFER?)(10W)(((((OTHER OR ANOTHER) OR
                DIFFERENT) OR SECOND) OR PLURALITY)(3W)(((((TERMINAL OR
```

```
                CLIENT) OR USER) OR CUSTOMER) OR SUBSCRIBER)
S2      1586    S1   AND (TERMINAL OR CLIENT OR USER OR CUSTOMER OR
                SUBSCRIBER OR DISTRIBUTOR OR RETAILER OR RETAILOR) (10W)
                (REPLICAT? OR DUPLCIAT? OR REPRODUC? OR COPY OR DELIVER?
                OR DISTRIBUT? OR REDISTRIBUT? OR TRANSFER?) (10W) (OTHER
                OR ANOTHER OR DIFFERENT OR SECOND OR PLURALITY) (3W)
                (TERMINAL OR CLIENT OR USER OR CUSTOMER OR SUBSCRIBER)
```

? s s2 and server (10N) (stor? or memory or maintain?) (15N) (accounting or
billing or payment or charg?) (10N) (balance or information or data)

```
        1586    S2
      436607    SERVER
     3736289    STOR?
     1607126    MEMORY
     2126587    MAINTAIN?
       46746    ACCOUNTING
       35006    BILLING
       73060    PAYMENT
     1549285    CHARG?
      490458    BALANCE
     3295872    INFORMATION
     3217151    DATA
        8810    SERVER(10N)(((STOR? OR MEMORY) OR
                MAINTAIN?)(15N)((((ACCOUNTING OR BILLING) OR PAYMENT) OR
                CHARG?)(10N)((BALANCE OR INFORMATION) OR DATA)
S3       347    S2   AND SERVER (10N) (STOR? OR MEMORY OR MAINTAIN?) (15N)
                (ACCOUNTING OR BILLING OR PAYMENT OR CHARG?) (10N)
                (BALANCE OR INFORMATION OR DATA)
```

? s s3 and (traffic or connection or communication) (5N) (interrupt ot
interruption or disrupt?)

Processing

```
         347    S3
      214708    TRAFFIC
     1900513    CONNECTION
     2240937    COMMUNICATION
           0    INTERRUPT OT INTERRUPTION
      141911    DISRUPT?
        3283    ((TRAFFIC OR CONNECTION) OR COMMUNICATION)(5N)(INTERRUPT
                OT INTERRUPTION OR DISRUPT?)
S4        17    S3   AND (TRAFFIC OR CONNECTION OR COMMUNICATION) (5N)
                (INTERRUPT OT INTERRUPTION OR DISRUPT?)
```

? s s1 and (bill? or pay or payment or charg?) (40N) (traffic or connection or
communication) (5N) (interrupt ot interruption or disrupt?)

Processing
Processing

Processing
```
      8397   S1
    187387   BILL?
     73285   PAY
     73060   PAYMENT
   1549285   CHARG?
    214708   TRAFFIC
   1900513   CONNECTION
   2240937   COMMUNICATION
         0   INTERRUPT OT INTERRUPTION
    141911   DISRUPT?
       139   (((BILL? OR PAY) OR PAYMENT) OR CHARG?)(40N)((TRAFFIC OR
             CONNECTION) OR COMMUNICATION)(5N)(INTERRUPT OT
             INTERRUPTION OR DISRUPT?)
S5     10    S1  AND (BILL? OR PAY OR PAYMENT OR CHARG?) (40N)
             (TRAFFIC OR CONNECTION OR COMMUNICATION) (5N) (INTERRUPT
             OT INTERRUPTION OR DISRUPT?)
```

? t s5/3,k/all

? b npl


```
      10nov08 08:16:27 User264682 Session D44.5
          $32.41     2.871 DialUnits File347
   $32.41   Estimated cost File347
          $46.32     8.301 DialUnits File348
              $7.20   4 Type(s) in Format   3
          $7.20   4 Types
   $53.52   Estimated cost File348
          $37.74     7.701 DialUnits File349
             $39.10  23 Type(s) in Format   3
          $39.10  23 Types
   $76.84   Estimated cost File349
         $234.20    12.605 DialUnits File350
  $234.20   Estimated cost File350
          OneSearch, 4 files, 31.478 DialUnits FileOS
    $3.20   INTERNET
  $400.17   Estimated cost this search
  $406.66   Estimated total session cost  32.306 DialUnits
```

SYSTEM:OS - DIALOG OneSearch
   File   9:Business & Industry(R) Jul/1994-2008/Nov 06
          (c) 2008 Gale/Cengage
*File   9: UD names were adjusted to reflect load date.
All data is present.
   File 15:ABI/Inform(R) 1971-2008/Nov 07
          (c) 2008 ProQuest Info&Learning
   File 16:Gale Group PROMT(R) 1990-2008/Oct 31
          (c) 2008 Gale/Cengage
*File 16: Because of updating irregularities, the banner and the
update (UD=) may vary.
   File 20:Dialog Global Reporter 1997-2008/Nov 10
          (c) 2008 Dialog

```
    File  47:Gale Group Magazine DB(TM) 1959-2008/Oct 24
         (c) 2008 Gale/Cengage
    File  98:General Sci Abs 1984-2008/Sep
         (c) 2008 The HW Wilson Co.
    File 148:Gale Group Trade & Industry DB 1976-2008/Nov 05
         (c) 2008 Gale/Cengage
*File 148: The CURRENT feature is not working in File 148.
See HELP NEWS148.
    File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
    File 275:Gale Group Computer DB(TM) 1983-2008/Oct 28
         (c) 2008 Gale/Cengage
    File 369:New Scientist 1994-2008/Oct W3
         (c) 2008 Reed Business Information Ltd.
    File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS
*File 370: This file is closed (no updates). Use File 47 for more current
information.
    File 484:Periodical Abs Plustext 1986-2008/Sep W4
         (c) 2008 ProQuest
    File 553:Wilson Bus. Abs. 1982-2008/Sep
         (c) 2008 The HW Wilson Co
    File 610:Business Wire 1999-2008/Nov 10
         (c) 2008 Business Wire.
*File 610: File 610 now contains data from 3/99 forward.
Archive data (1986-2/99) is available in File 810.
    File 613:PR Newswire 1999-2008/Nov 10
         (c) 2008 PR Newswire Association Inc
*File 613: File 613 now contains data from 5/99 forward.
Archive data (1987-4/99) is available in File 813.
    File 621:Gale Group New Prod.Annou.(R) 1985-2008/Oct 16
         (c) 2008 Gale/Cengage
    File 624:McGraw-Hill Publications 1985-2008/Nov 07
         (c) 2008 McGraw-Hill Co. Inc
    File 634:San Jose Mercury  Jun 1985-2008/Nov 05
         (c) 2008 San Jose Mercury News
    File 635:Business Dateline(R) 1985-2008/Nov 07
         (c) 2008 ProQuest Info&Learning
    File 636:Gale Group Newsletter DB(TM) 1987-2008/Oct 30
         (c) 2008 Gale/Cengage
    File 647:UBM Computer Fulltext 1988-2008/Oct W3
         (c) 2008 UBM LLC
    File 674:Computer News Fulltext 1989-2006/Sep W1
         (c) 2006 IDG Communications
*File 674: File 674 is closed (no longer updates).
    File 696:DIALOG Telecom Newsletters 1995-2008/Nov 07
         (c) 2008 Dialog
    File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
    File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc


    Set  Items  Description
    ---  -----  -----------


? s (PD < 20031217) and (content or document) (15N) (distribut? or redistribut?
or deliver? or transfer? or transmit?) (40N) (network or Internet) and (bill? or
pay or payment or charg?)


Completed processing all files
        82572932  PD<20031217
        5550907   CONTENT
```

```
    2810497   DOCUMENT
   15178161   DISTRIBUT?
    1085658   REDISTRIBUT?
   13222668   DELIVER?
    4496094   TRANSFER?
    1239942   TRANSMIT?
   12115534   NETWORK
   11255690   INTERNET
     755008   (CONTENT OR DOCUMENT)(15N)((((DISTRIBUT? OR REDISTRIBUT?)
               OR DELIVER?) OR TRANSFER?) OR TRANSMIT?)(40N)(NETWORK OR
               INTERNET)
   19673868   BILL?
    8580237   PAY
    3011578   PAYMENT
    9596505   CHARG?
S1   174336   (PD < 20031217) AND (CONTENT OR DOCUMENT) (15N)
               (DISTRIBUT? OR REDISTRIBUT? OR DELIVER? OR TRANSFER? OR
               TRANSMIT?) (40N) (NETWORK OR INTERNET) AND (BILL? OR PAY
               OR PAYMENT OR CHARG?)
```

? s s1 and (terminal or client or user or customer or subscriber or distributor or retailer or retailor)(10W)(replicat? or duplciat? or reproduc? or copy or deliver? or distribut? or redistribut? or transfer?)(10W)(other or another or different or second or plurality)(3W)(terminal or client or user or customer or subscriber)

Completed processing all files
```
     174336   S1
    1192874   TERMINAL
    3734138   CLIENT
    4677801   USER
    9232309   CUSTOMER
     785450   SUBSCRIBER
    1496861   DISTRIBUTOR
    1587861   RETAILER
        115   RETAILOR
     523021   REPLICAT?
          6   DUPLCIAT?
    1022480   REPRODUC?
    2232456   COPY
   13222668   DELIVER?
   15178161   DISTRIBUT?
    1085658   REDISTRIBUT?
    4496094   TRANSFER?
   49890950   OTHER
   15441451   ANOTHER
    9927374   DIFFERENT
   16374295   SECOND
      29533   PLURALITY
    1192874   TERMINAL
    3734138   CLIENT
    4677801   USER
    9232309   CUSTOMER
     785450   SUBSCRIBER
     313049   (((((((TERMINAL OR CLIENT) OR USER) OR CUSTOMER) OR
               SUBSCRIBER) OR DISTRIBUTOR) OR RETAILER) OR
               RETAILOR)(10W)(((((((REPLICAT? OR DUPLCIAT?) OR
               REPRODUC?) OR COPY) OR DELIVER?) OR DISTRIBUT?) OR
               REDISTRIBUT?) OR TRANSFER?)(10W)((((OTHER OR ANOTHER) OR
               DIFFERENT) OR SECOND) OR PLURALITY)(3W)(((((TERMINAL OR
```

```
                              CLIENT) OR USER) OR CUSTOMER) OR SUBSCRIBER)
        S2      15601   S1   AND (TERMINAL OR CLIENT OR USER OR CUSTOMER OR
                              SUBSCRIBER OR DISTRIBUTOR OR RETAILER OR RETAILOR) (10W)
                              (REPLICAT? OR DUPLCIAT? OR REPRODUC? OR COPY OR DELIVER?
                              OR DISTRIBUT? OR REDISTRIBUT? OR TRANSFER?) (10W) (OTHER
                              OR ANOTHER OR DIFFERENT OR SECOND OR PLURALITY) (3W)
                              (TERMINAL OR CLIENT OR USER OR CUSTOMER OR SUBSCRIBER)
```

? s s2 and server (10N) (stor? or memory or maintain?) (15N) (accounting or
billing or payment or charg?) (10N) (balance or information or data)

Completed processing all files
```
           15601   S2
         2443557   SERVER
        18017065   STOR?
         2042864   MEMORY
         7846972   MAINTAIN?
         6453207   ACCOUNTING
          794899   BILLING
         3011578   PAYMENT
         9596505   CHARG?
         4749361   BALANCE
        37636481   INFORMATION
        18030600   DATA
            5098   SERVER(10N)(((STOR? OR MEMORY) OR
                   MAINTAIN?)(15N)((((ACCOUNTING OR BILLING) OR PAYMENT) OR
                   CHARG?)(10N)(((BALANCE OR INFORMATION) OR DATA)
        S3       4   S2   AND SERVER (10N) (STOR? OR MEMORY OR MAINTAIN?) (15N)
                   (ACCOUNTING OR BILLING OR PAYMENT OR CHARG?) (10N)
                   (BALANCE OR INFORMATION OR DATA)
```


? s s3 and (traffic or connection or communication) (5N) (interrupt ot
interruption or disrupt?)

Processing
Processing

Processed 20 of   25 files ...
Completed processing all files
```
               4   S3
         3300720   TRAFFIC
         3285823   CONNECTION
         3881757   COMMUNICATION
               0   INTERRUPT OT INTERRUPTION
         1272135   DISRUPT?
           31106   ((TRAFFIC OR CONNECTION) OR COMMUNICATION)(5N)(INTERRUPT
                   OT INTERRUPTION OR DISRUPT?)
        S4       0   S3   AND (TRAFFIC OR CONNECTION OR COMMUNICATION) (5N)
                   (INTERRUPT OT INTERRUPTION OR DISRUPT?)
```


? s s1 and (bill? or pay or payment or charg?) (40N) (traffic or connection or
communication) (5N) (interrupt ot interruption or disrupt?)

```
Completed processing all files
          174336  S1
        19673868  BILL?
         8580237  PAY
         3011578  PAYMENT
         9596505  CHARG?
         3300720  TRAFFIC
         3285823  CONNECTION
         3881757  COMMUNICATION
               0  INTERRUPT OT INTERRUPTION
         1272135  DISRUPT?
            4936  (((BILL? OR PAY) OR PAYMENT) OR CHARG?)(40N)((TRAFFIC OR
                  CONNECTION) OR COMMUNICATION)(5N)(INTERRUPT OT
                  INTERRUPTION OR DISRUPT?)
   S5       27  S1   AND (BILL? OR PAY OR PAYMENT OR CHARG?) (40N)
                  (TRAFFIC OR CONNECTION OR COMMUNICATION) (5N) (INTERRUPT
                  OT INTERRUPTION OR DISRUPT?)
```

? t s3/3,k/all

3/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16: Gale Group PROMT(R)
(c) 2008 Gale/Cengage. All rights reserved.

04611687   Supplier Number: 46783722 (USE FORMAT 7 FOR FULLTEXT)

Portland Software and CyberSource Join Forces to Deliver Bags of Bits Online
PR Newswire , p 1007LAM047
Oct 7 , 1996
Language: English   Record Type: Fulltext
Document Type: Newswire ; Trade
Word Count: 1502
-
...ELC system, software publishers can wrap, brand and prepare their
products for online distribution -- in a way that ensures quick, seamless,
real-time transactions; reliable payment; controlled trial use; user
registration; license agreement acknowledgment; and protection from piracy.

                    Full text release follows:

       Portland Software and CyberSource Join Forces to Deliver Bags...

...Certificate (ELC) and clearing house technology to build the most
advanced Internet software distribution system available."
      "Portland Software is at the forefront of helping the Internet
evolve into an exciting and powerful distribution vehicle," said Charles
Jennings, president and CEO of Portland Software. "Our partnership with
CyberSource offers customers a reliable and proven system for online
transactions."
       Portland Software and CyberSource have been working closely with
Microsoft as part of Microsoft's electronic distribution pilot
program that enables customers to download and purchase Microsoft products
directly at their desktops. Portland Software's ZipLock technology was
selected by Microsoft to provide content security, branding, and
payment processing.
       "Portland Software and CyberSource have both been important to us in
the electronic distribution of software," said Martin Tobias,

manager of electronic software distribution for Microsoft. "We consider it very good news that Portland Software and CyberSource are working together to provide a secure and comprehensive mechanism for electronic commerce."
A Secure Packaging and Transaction System for Internet Commerce
In a joint development effort, CyberSource and Portland Software integrated their technologies to create a cyber packaging and Electronic License Certificate (ELC(TM)) transaction...

...infrastructure -- which provides security and accountability for both publisher and customer.
To purchase software using the ELC model, a customer may go to any merchant server or online storefront which houses ZipLock encrypted software products. To make a purchase, the customer simply double-clicks the ZipLock executable, which prompts the user for payment information---

and collects the
user's credit card data. This data
is then routed to a transaction
clearinghouse, which in connection with associated payment processors,
authenticates and verifies the credit card order. Once the order is approved,
the clearinghouse delivers an ELC to the end user in the form..

...ELC system, software publishers can wrap, brand and prepare their products for online distribution -- in a way that ensures quick, seamless, real-time transactions; reliable payment; controlled trial use; user registration; license agreement acknowledgment; and protection from piracy.
"ESD opens a new world of marketing and distribution opportunities for the software...

...Jeff Swan, vice president of business development and product procurement for Surplus Direct. "ESD provides Surplus Direct opportunity to offer the retail buying experience of "pay for it and take it home" to our online customers."
Borland International, Programmer's Paradise, and Surplus Direct recently joined CyberSource's extensive list of...000 products through two primary marketing vehicles: (1) a weekly catalog distribution and (2) an online store ranked 60th in the top 100 most active Internet sites. Surplus Direct prides itself in its ability to offer high quality products and service at exceptionally low prices through its direct mail and Internet distribution vehicles. Founded in 1991, Surplus Direct is headquartered in Hood River, Oregon.
About Portland Software
Portland Software develops and markets tools for global electronic commerce and is the recognized leader in delivery of electronic contents over public and private networks. Its ZipLock product line supports highly secure distribution of digital content and customer payment delivered via the Internet, as well as via CD-ROM and other media. An active participant in the Microsoft Electronic Software Distribution pilot program, Portland Software is a preferred provider of secure container technology for online distribution of Microsoft products. Founded in 1994, Portland Software is headquartered in Portland, Oregon. For more information, please visit Portland Software's Web site at http...

19961007

3/3,K/2 (Item 1 from file: 47)

04476365   Supplier Number: 18205005 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A universal client? (corporate intranets) (includes list of pros and cons,
glossary of intranet terms and related article on the intranet strategies of
major industry players) (The Web Within) (Technology Information)

Derfler, Frank J., Jr.
PC Magazine , v15 , n8 , p105(5)
April 23 , 1996
ISSN: 0888-8507
Language: English   Record Type: Fulltext; Abstract
Word Count: 3822   Line Count: 00314

...linking employees with existing groupware packages such as Lotus Notes
and Novell's GroupWise. The popular groupware products offer collaboration
through threaded discussions and information distribution through
document databases. But groupware systems can be expensive and
cumbersome to install and manage. During installation, you struggle to
accommodate the different hardware and operating system combinations of
your numerous clients and the various network protocols in your
organization. Then you have to develop a cadre of trained maintenance and
support people who can handle the arcane commands and tricks...

...on the same network segment. This strategy keeps intranet traffic off
the cables carrying orders, inventory, and other bread-and butter data.
      The person in charge of the intranet system needs practically
the same skills as the administrator of the small LAN, plus some
rudimentary graphic-arts skills and the ability...NOSOVITSKIY is an
associate project leader at PC Magazine. TODD SPANGLER is a staff editor
of PC Magazine. LEON ERLANGER was the senior associate editor in
charge of this story, and JEFFREY G. WITT was the project leader.
      An Intranet Glossary
      CGI (Common Gateway Interface)
      A standard that allows Web servers to run external applications such
as search engines.
      Collaboration software
      A network-based application that lets participants share
information.
      Document database
      An organized collection of related documents.
      Firewall
      Hardware or software that restricts traffic to a private network from
an unsecured network.
      FTP (File Transfer Protocol)
      An Internet protocol that allows a user on one host to
transfer files to and from another host over a network.
      Groupware
      A network-based application that lets users collaborate.
      Home page
      The first page of a Web site or of a logical group of HTML documents.
      HTML (HyperText...

...with which World Wide Web documents are formatted. It defines fonts,
graphics, hypertext links, and other details. HTML is an implementation of
SGML.
      HTTP (HyperText Transfer Protocol)
      The protocol that negotiates document delivery to a Web
browser from a Web server.
      Hypertext
      A way of presenting information in which there are links from one
document to another. In a Web document, the link is a URL

pointing to another Web page or other resource.
     Intranet
     A private network that uses Internet software and
standards.
     ISAPI (Internet Server API)
     A Web-server programming interface for back-end applications developed
by Microsoft and Process Software Corp.
     Java
     An object-oriented language, developed by Sun Microsystems, for
writing distributed Web applications.
     NNTP (Network News Transfer Protocol)
     A protocol for posting and retrieving news articles on Usenet
newsgroups.
     NSAPI (Netscape Server API)
     A programming specification for Netscape's Web...

...that identifies the location of an Internet document.
     Web browser
     Client software that requests and displays HTML documents and other
Internet or intranet resources.
     Web server
     A server that stores and retrieves HTML documents and
other Internet or intranet resources using HTTP. Also called an HTTP
server.
     Workflow
     A set of formal rules for a specific process (such as billing)
that are defined to improve efficiency.
     World Wide Web
     The Internet's worldwide, HTML-based, hypertext-linked
information

19960423

3/3,K/3 (Item 1 from file: 275)
DIALOG(R)File 275: Gale Group Computer DB(TM)
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01925074   Supplier Number: 18205005 (Use Format 7 Or 9 For FULL TEXT)
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19960423

3/3,K/4 (Item 1 from file: 813)
DIALOG(R)File 813: PR Newswire

1003997   LAM047
Portland Software and CyberSource Join Forces to Deliver Bags of Bits Online

Date: October 7, 1996   10:01 EDT   Word Count: 1,264

Correction:
...Certificate (ELC)
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Portland, Oregon. For more information, please visit Portland Software's Web
site at http...

? t s5/3,k/all

5/3,K/1 (Item 1 from file: 16)

10450106   Supplier Number: 101032667 (USE FORMAT 7 FOR FULLTEXT)

Big brother invades the campus and workplace: infotainment and the copyright
cops. (The Sidebar).(Column)
Ebbinghouse, Carol
Searcher , v 11 , n 5 , p 18(6)
May , 2003
Language: English   Record Type: Fulltext
Article Type: Column
Document Type: Magazine/Journal ; Professional Trade
Word Count: 4571
    Supplier Number: (USE FORMAT 7 FOR FULLTEXT)

Text:
   ...stands vigilant in its battle against services and technologies
that would liberate music, movies, games, media, etc., to all takers. On
the legislative front, a bill in Congress (HR 5211) would give
content producers the ability to interfere with peer-to-peer (P2P) networks
if used for down-loading theirworks. Specifically the bill would
"enable content owners' self-help measures to combat peer-to-peer piracy."
(2) In the article discussing the bill, "the Association for
Computing Machinery (ACM)   ...1) Permitting self-help on P2P networks could
mean 'all computers connected to the Internet.' (2) Self-help efforts
'would create new volumes of network traffic, resulting in Internet
service disruptions and degradation of service for innocent Internet
users, many of whom may not be using P2P networks.' (3) The bill
'underestimates the technical challenge' of identifying copyrighted works
online. (4) Self-help would   ...involve defeating firewalls and other
security measures, that ACM said violated both the Digital Millennium
Copyright Act (DMCA) and the USA Patriot Act. (5) The bill ignores
the fact that P2P is used for a variety of uses, including R&D via
distributed computing."   ...3).
    The letters to corporate America4 asked the companies to prevent
their employees from taking copyrighted material off the Web while at work.
The creative content organizations pointed out that it "appears that
many corporate network users are taking advantage of fast
Internet connections at work by publicly uploading and downloading
infringing files on P2P services and also distributing and storing
such files on corporate intranets. ... The use of your digital
network to pirate music, movies and other copyrighted works both
interferes with the business purposes your network was built to
serve and subjects your employees and your company to significant legal
liability under the federal copyright law." Now that's subtle. The creative
content organizations' letter encourages companies to implement
"employee policies and technical measures to prevent copyright
infringements on ... corporate networks."
    The RIAA has already "obtained a $1...to provide them with accurate
information.
    ACRL leaders agree that peer-to-peer networking file sharing is a
campus problem that, along with facilitating the distribution of
unauthorized copies of copyrighted work, uses valuable bandwidth and
affects overall campus network operations. We disagree, however,
with the implication that all file-sharing activities are infringements of
copyright that constitute piracy. ... Moreover, universities and libraries
are using peer-to-peer networks for research, teaching, and document
transfer that are all within the bounds of ...According to a report
in the November 26, 2002, Washington Internet Daily on the Naval Academy,
"Midshipmen are given PCs when joining the Academy and pay them off

over a 4-year stint through deductions from their monthly paychecks."
Articles discuss the actions that network managers at Stanford, Yale, Penn
State...seen as a proactive unit of the organization, and, in such a
leadership position, should still protect user rights. It should assure
that the Library Bill of Rights and other professional, free speech,
and Internet priorities are taken into account in the development of a
policy."

   Alternative Approaches for Entertainment Organizations...readers:
How many of you still get your email via peer-to-peer IJIJCP dialups or
the old "free" Internet, and how many of you pay $19.95 a month or
more to an ISP? How many of you watch "free" television over the airwaves,
and how many of you pay $20-$60 a month for cable or satellite
television? (Not to mention continue to rent movies on videotape and DVD,
and purchasing physical copies of...will be hundreds of millions of paying
subscribers. That is, unless they wait too long, in which case, Kazaa
itself will start to offer (and charge for) these advantages. (Or
would, in the absence of legal challenges.) Much as AOL, MSN, Yahoo!, Cnet,
and many others have collectively built a multi-billion dollar media
business on the "free" Web, "publishers" will evolve on file sharing
networks.

   Why would you pay for a song that you could get for free? For
the same reason that you will buy a book that ...been supplemented by
various aggregated premium channels. HBO, one of those channels, is now
television's most profitable network. Meanwhile, over on the Internet,
people pay their ISP $19.95/month for the equivalent of "basic
cable," and an ideal opportunity for a premium channel, a music download
service, has gone begging for lack of vision on the part of existing music
publishers.

   Another lesson from television is that people prefer subscriptions
to pay-per-view, except for very special events. What's more, they
prefer subscriptions to larger collections of content, rather than single
channels. So, people subscribe...

20030501

5/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16: Gale Group PROMT(R)
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09270971   Supplier Number: 80673347 (USE FORMAT 7 FOR FULLTEXT)

Openet Telecom's Latest Convergent Mediation Platform Provides Greater
Flexibility for Improved ROI; FusionWorks Version 3.0 Gives Communication
Service Providers More Control Over the Transformation of Network Data Into
Billable Data.
PR Newswire , p LAM02510122001
Dec 10 , 2001
Language: English   Record Type: Fulltext
Document Type: Newswire ; Trade
Word Count: 753

...Mediation Platform Provides Greater Flexibility for Improved ROI; FusionWorks
Version 3.0 Gives Communication Service Providers More Control Over the
Transformation of Network Data Into Billable Data.
-
...to look at the mediation layer of their solution stack to ensure that
revenue leakage is kept to a minimum, and that customers are accurately
billed based on actual usage, content and application used,"
said Barry Murphy, CEO of Openet Telecom.
   Built from the ground up, FusionWorks is an open standards-based,
distributed software platform that is hardware and software
independent. A fully-scalable convergent mediation platform, it unifies

customer usage patterns from legacy network infrastructures, IP
networks and all generations of mobile networks, including WAP, GPRS, CDMA,
TDMA, EDGE and UMTS. FusionWorks enables service providers to manage the
growing complexity of their business infrastructure -- including the
collection of subscriber usage information, the integration of new and
legacy billing systems, event-based transaction pricing and
management, customer care, data warehousing, fraud management and other
related applications. The added capabilities of FusionWorks Version 3.0
allow service providers to:

    -- Manage multiple versions of the business rules that define how data i
s

        collected, transformed and distributed to business applications such
            as billing
 in order to optimize their effectiveness and efficiency
            -- Decrease operational expense and find revenue opportunities
            -- Plug revenue and fraud leaks
            -- Add equipment to the network or feed new applications without
            disrupting the ongoing mediation process
            -- Support advanced IP and 2.5 and 3G mobile communication
 technologies
            as well as all the common technologies

    -- Obtain additional reports to more effectively monitor and control the
            mediation process
            -- Control all the security capabilities...

...with minimal effort
        "As networks and services become more complex, the need for a
flexible, convergent mediation systems takes on new importance," said Denis
Cronin, billing development manager, Esat Business, the leading
provider of broadband data and corporate Internet solutions in Ireland.
"FusionWorks gives us the power to control the software...

...the Dublin-based company established a presence in the United States
with the signing of AT&T Wireless, and garnered Best New Company honors
at Billing World 2001 and Best Young Company 2001 honors by the
Irish Software Association. The company also recently closed on a $20
million investment from Benchmark...

...process," said Murphy. "FusionWorks enables service providers to gain a
better understanding of customer usage, shorten the time it takes to launch
a new service, bill for services more accurately, retrieve the
information necessary to improve service penetration and generate more
revenue from existing services."
        About Openet Telecom
        Established in 1999, Openet Telecom is the world leader in providing
scalable mediation solutions that enable communication providers to easily
implement, manage and bill sophisticated services. Openet Telecom's
flagship product, FusionWorks, is a high-performance mediation platform
that unifies customer usage patterns from legacy network infrastructure, IP
Networks...

20011210

5/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16: Gale Group PROMT(R)
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04528975   Supplier Number: 46654200 (USE FORMAT 7 FOR FULLTEXT)

The Challenge of HTTP Server Configuration
PC Week , p N08
August 26 , 1996
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal ; Tabloid ; General Trade
Word Count: 546
-
...the 10M-bps bandwidth of a single standard Ethernet connection is more
than enough to handle the traffic from the relatively slower links to the
Internet.
        Ramp it up
        In the intranet case, however, an Ethernet connection may well not be
nearly fast enough. Our tests (as well as those of others) have shown that
for static content, even multiple Ethernets are not fast enough
under heavy user loads. To keep a reasonably capable intranet server busy,
you need a 100M-bps connection.
        The reason is simple: Just as today's powerful file servers can
deliver more data than four Ethernets can carry, Web servers can
easily deliver more static pages than an Ethernet can handle.
        As we discussed a few weeks ago, however, the growing movement toward
having HTTP servers provide more dynamic content may well ultimately
lower the amount of data a server must deliver to users.
        As server content becomes more dynamic, the server's
network mileage will unavoidably vary. During this transition, you
must monitor loads carefully.
        The safest bet for any HTTP server is to make sure it contains...

...slower connection will probably be more than adequate for external
customers, and it might even be enough for an initial intranet setup.
Should your intranet traffic grow, the faster connection will
be available with minimal disruption.
        With this approach, you can spend little money and yet be prepared to
handle both Internet and intranet users.
        Mark L. Van Name and Bill Catchings
        You can reach Mark Van Name and Bill Catchings via the Internet
at mark_van_name@zd.com and bill_catchings@zd.com

19960826

5/3,K/4 (Item 1 from file: 20)
DIALOG(R)File 20: Dialog Global Reporter
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31831159 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Risks of Self-Representation in Court

Section Title: News; Domestic
Bill Hemmer, Jeffrey Toobin
CNN NEWS
October 21, 2003
Journal Code: WCNN   Language: English   Record Type: FULLTEXT
Word Count: 525
(USE FORMAT 7 OR 9 FOR FULLTEXT)

-
BILL HEMMER, CNN ANCHOR: The judge, LeRoy Millette, warned Muhammad
that his requested move was a mistake. And, as Jeff Toobin reports this
morning, defending oneself...
...order detailed psychiatric examinations to make sure these would-be

attorneys are mentally confident. Muhammad passed his exam; so did
Zacarias Moussaoui, the only person charged in the U.S. in
connection with the September 11 terrorist attacks. The judge says
Moussaoui has filed so many groundless motions that he may be hurting his
own case.
      (on camera): There tends to be a limit on how much these defendants
can accomplish -- grandstanding, disruption, delay, yes. But
acquittal? Almost never.
      Jeffrey Toobin, CNN, New York.
      (END VIDEOTAPE)
      TO ORDER A VIDEO OF THIS TRANSCRIPT, PLEASE CALL 800-CNN-NEWS...

...his request to represent himself in court was a mistake. Defending
oneself in court is rarely successful.> <Spec: John Allen Muhammad;
Trials; Murders; Defense> Copyright: Content and programming
copyright 2003 Cable News Network, Inc. ALL RIGHTS RESERVED.
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this material other than for research. User may not reproduce or
redistribute the material except for user's personal or internal
use and, in such case, only one copy may be printed, nor shall user use
any...

20031021

5/3,K/5 (Item 2 from file: 20)
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23828029 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Cable & Wireless Further Extends OC-192 Using MPLS Across Global IP Network

PR NEWSWIRE (US)
July 08, 2002
Journal Code: WPRU   Language: English   Record Type: FULLTEXT
Word Count: 708
(USE FORMAT 7 OR 9 FOR FULLTEXT)

-
Cable & Wireless (LSE:CW) , the global telecommunications group,
today announced it has upgraded the US portion of its global IP
network to OC-192 running MPLS from coast-to-coast. The
network upgrade, which delivers OC-192 network speeds
from the west coast of the United States across the Atlantic Ocean and
into Europe, further reinforces Cable & Wireless' leadership position
for providing superior network performance, quality and reach,
consistently around the globe. Through the combination of its global high
performance network and IP services with Exodus' hosting and
content delivery services, Cable & Wireless is now the
premier choice for eBusiness infrastructure solutions in the US, Europe
and Asia-Pacific.
      The upgrade follows the OC-192...
...of service and performance on a global scale."
      Multi-protocol label switching (MPLS) technology allows Cable &
Wireless to provide enterprises and service providers with an
Internet infrastructure to support all their applications,
connectivity and content needs - even those time critical and
mission critical services that they would typically not consider
transmitting over other best effort Internet backbones. Cable
& Wireless' global IP network provides: * Large-scale

Internet content providers with the high quality
network connections required to efficiently and securely link
hosted and cached content with their target market users even when
the geographical span is several continents. * Global ISPs with a quality
IP backbone to deliver traffic-engineered services to their own
customers. The additional capacity and predictability offered by the
upgrade is crucial for maintaining this ability. * Large multinational
enterprise...

...predictability consistently around the globe to keep them ahead of the
curve in terms of offering services to their customers and linking their
own operations. Network Architecture
        Cable & Wireless' global IP network is based on a core traffic
engineering platform using intelligent MPLS routing and switching
capability at 10 Gbps. This leading platform provides a scalable, reliable
and more economic transport system for individual services, such as IP
transit, hosting, and content delivery services. With this
network architecture, Cable & Wireless is able to: * Offer high
capacity OC-48/STM-16 IP access services to carriers, content
providers, ISPs and large enterprises. * Scale the network to
handle the anticipated increase in Internet traffic in and
between the US and Europe. * Optimally restore network
traffic and minimise service disruptions in the event of
major network disruptions. About Cable & Wireless
        Cable & Wireless is a major global telecommunications business
with revenue of over 5.9 billion pounds sterling (US$8.6
billion) in the year to 31 March 2002 and customers in 70
countries. The company consists of two core and complementary divisions:
Cable & Wireless Regional and...

20020708

5/3,K/6 (Item 3 from file: 20)
DIALOG(R)File 20: Dialog Global Reporter
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23762961 (USE FORMAT 7 OR 9 FOR FULLTEXT)
CABLE & WIRELESS: Cable & Wireless further extends OC 192 using MPLS across
global IP network; US coast to coast deployment of OC 192 running MPLS completed

M2 PRESSWIRE
July 08, 2002
Journal Code: WWPR   Language: English   Record Type: FULLTEXT
Word Count: 698
(USE FORMAT 7 OR 9 FOR FULLTEXT)

-
VIENNA, Virginia -- Cable & Wireless (LSE:CW, NYSE:CWP), the global
telecommunications company, today announced it has upgraded the US portion
of its global IP network to OC-192 running MPLS from
coast-to-coast.
        The network upgrade, which delivers OC-192
network speeds from the west coast of the United States across the
Atlantic Ocean and into Europe, further reinforces Cable & Wireless'
leadership position for providing superior network performance,
quality and reach, consistently around the globe. Through the combination
of its global high performance network and IP services with Exodus'
hosting and content delivery services, Cable & Wireless
is now the premier choice for eBusiness infrastructure solutions in the

US, Europe and Asia-Pacific.
...of service and performance on a global scale."
	Multi-protocol label switching (MPLS) technology allows Cable &
Wireless to provide enterprises and service providers with an
internet infrastructure to support all their applications,
connectivity and content needs - even those time critical and
mission critical services that they would typically not consider
transmitting over other best effort internet backbones. Cable
& Wireless' global IP network provides:
	* Large-scale internet content providers with the high
quality network connections required to link hosted and cached
content efficiently and securely with their target market users
even when the geographical span is several continents.
	* Global ISPs with a quality IP backbone to deliver
traffic-engineered services to their own customers. The additional
capacity and predictability offered by the upgrade is crucial for
maintaining this ability.
	* Large multinational enterprise...

...predictability consistently around the globe to keep them ahead of the
curve in terms of offering services to their customers and linking their
own operations.
	Network architecture Cable & Wireless' global IP network is
based on a core traffic engineering platform using intelligent MPLS
routing and switching capability at 10 Gbps.
	This leading platform provides a scalable, reliable and more economic
transport system for individual services, such as IP transit, hosting, and
content delivery services.
	With this network architecture, Cable & Wireless is able
to:
	* Offer high capacity OC-48/STM-16 IP access services to carriers,
content providers, ISPs and large enterprises.
	* Scale the network to handle the anticipated increase in
internet traffic in and between the US and Europe.
	* Optimally restore network traffic and minimise service
disruptions in the event of major network disruptions
.
	About Cable & Wireless
	Cable & Wireless is a major global telecommunications business
with revenue of over GBP5.9 billion (US$8.6 billion) in the
year to 31 March 2002 and customers in 70 countries. The company consists
of two core and complementary divisions: Cable & Wireless Regional and
...

20020708

5/3,K/7 (Item 4 from file: 20)
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20277642 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Array Networks Launches Worldwide Channel Program; All-In-One Web Traffic
Management Appliance Attracts Solution Providers in North America, Europe, and
Asia Pacific

BUSINESS WIRE
December 12, 2001
Journal Code: WBWE   Language: English   Record Type: FULLTEXT
Word Count: 822
(USE FORMAT 7 OR 9 FOR FULLTEXT)

...ownership."
        Array Networks' all-in-one Array product family combines accelerated
Layer 4-7 server load balancing with high-performance caching, built-in SSL
acceleration, content rewrite for transparent interaction with
content delivery networks, Web security, global server load
balancing, and seamless clustering. The Array platform's service-on-demand
configurations and open API offer the flexibility to add a rich set of
services and features, including essential Web traffic management
capabilities as well as dynamic caching, content replication,
advanced security, billing and monitoring systems, etc.
        "Array Networks' integrated platform is an ideal solution for the
channel because its all-in-one capabilities reduce the complexity and risk
of Web traffic management," said Donald Massaro, President and Chief
Executive Officer of Array Networks. "The Array appliance delivers
our 'Power tools for the Web,' an integrated suite of Web traffic
management capabilities that's like selling Microsoft Office for the
network. Pay-as-you-grow configurations enable solution
providers to address their customers' immediate needs and expand their
business without disruption."
        Array Networks' Power Partners channel program offers benefits
including:
        -- Pre-sales and technical support through Array sales offices in
        Germany, Great Britain, France, Japan, Korea...

20011212

5/3,K/8 (Item 5 from file: 20)
DIALOG(R)File 20: Dialog Global Reporter
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20217786 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Openet Telecom's Latest Convergent Mediation Platform Provides Greater
Flexibility for Improved ROI

PR NEWSWIRE
December 10, 2001
Journal Code: WPRW   Language: English   Record Type: FULLTEXT
Word Count: 791
(USE FORMAT 7 OR 9 FOR FULLTEXT)

-
FusionWorks Version 3.0 Gives Communication Service Providers More Control
        Over the Transformation of Network Data Into Billable Data
...to look at the mediation layer of their solution stack to ensure that
revenue leakage is kept to a minimum, and that customers are accurately
billed based on actual usage, content and application used,"
said Barry Murphy, CEO of Openet Telecom.
        Built from the ground up, FusionWorks is an open standards-based,
distributed software platform that is hardware and software
independent. A fully-scalable convergent mediation platform, it unifies
customer usage patterns from legacy network infrastructures, IP
networks and all generations of mobile networks, including WAP, GPRS, CDMA,
TDMA, EDGE and UMTS. FusionWorks enables service providers to manage the
growing complexity of their business infrastructure -- including the
collection of subscriber usage information, the integration of new and
legacy billing systems, event-based transaction pricing and
management, customer care, data warehousing, fraud management and other
related applications. The added capabilities of FusionWorks Version 3.0
allow service providers to: -- Manage multiple versions of the business
rules that define how data is collected, transformed and distributed to

business applications such as billing in order to optimize their
effectiveness and efficiency -- Decrease operational expense and find
revenue opportunities -- Plug revenue and fraud leaks -- Add equipment to
the network or feed new applications without disrupting the ongoing
mediation process -- Support advanced IP and 2.5 and 3G mobile
communication technologies as well as all the common technologies --
Obtain additional reports to more effectively monitor and control the
mediation process -- Control all the security capabilities...

...with minimal effort
     "As networks and services become more complex, the need for a
flexible, convergent mediation systems takes on new importance," said Denis
Cronin, billing development manager, Esat Business, the leading
provider of broadband data and corporate Internet solutions in Ireland.
"FusionWorks gives us the power to control the software...

...the Dublin-based company established a presence in the United States
with the signing of AT&T Wireless, and garnered Best New Company honors
at Billing World 2001 and Best Young Company 2001 honors by the
Irish Software Association. The company also recently closed on a $20
million investment from Benchmark...

...process," said Murphy. "FusionWorks enables service providers to gain a
better understanding of customer usage, shorten the time it takes to launch
a new service, bill for services more accurately, retrieve the
information necessary to improve service penetration and generate more
revenue from existing services."
     About Openet Telecom
     Established in 1999, Openet Telecom is the world leader in providing
scalable mediation solutions that enable communication providers to easily
implement, manage and bill sophisticated services. Openet Telecom's
flagship product, FusionWorks, is a high-performance mediation platform
that unifies customer usage patterns from legacy network infrastructure, IP
Networks...

20011210

5/3,K/9 (Item 6 from file: 20)
DIALOG(R)File 20: Dialog Global Reporter
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13271944 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Full Text of PRC Telecom Regulations

WORLD NEWS CONNECTION
September 30, 2000
Journal Code: WWWC   Language: English   Record Type: FULLTEXT
Word Count: 7868
(USE FORMAT 7 OR 9 FOR FULLTEXT)

...services operators should submit accurate and complete service cost data
and other related information.
     Section 4 -- Telecommunications Resources Article 27 The state shall
implement a pay-for-use system for telecommunications resources with
unified planning, centralized management, and rational distribution.
     The term telecommunications resources in the previous paragraph refers
to radio...

...positions, telecommunications network numbers, and other such resources
which are used to achieve telecommunications functions and which are
limited.

Article 28 Telecommunications service operators should pay telecommunications resource fees for the possession and use of telecommunications resources.

Specific fee collection methods can be formulated by the competent information industry authorities of...

...in which it is not possible to restore or reroute services within the prescribed period, the users should be notified promptly, and should not be charged the monthly leasing fees for the period of the disruption. However, telecommunications service disruptions caused by telecommunications terminal equipment represent an exception.

Article 34 Telecommunications service operators should make it convenient for telecommunications users to pay their bills and make inquiries. In cases in which telecommunications users request an itemized statement of charges for domestic long-distance communication services, international communication services, mobile communication services, and information services, etc., the telecommunications service operators should provide them free of charge.

When telecommunications users experience exceptionally large telecommunications expenses, the telecommunications service operators should notify the telecommunications service users as soon as this is discovered, as well as adopting the appropriate measures.

The expression exceptionally large telecommunications expenses in the previous paragraph refers to the sudden appearance of charges which are more than five times the average monthly telecommunications charges for the telecommunications user for the previous three months.

Article 35 ...service operators promptly and in full, in keeping with the agreed-upon period of time and method; in cases in which telecommunications users do not pay telecommunications charges within the prescribed time, the telecommunications service operators have the right to demand the overdue telecommunications payments, and they can also collect an additional three in breach-of-contract fees per day in keeping with the amount of the delinquent payment.

In the case of users who have still not remitted their telecommunications payment for a period of 30 days over the agreed-upon time, the telecommunications service operators can temporarily halt the provision of telecommunications services to them...

...contract fees in keeping with the law.

Operators of mobile telecommunications services can reach agreements with telecommunications users regarding the time limits and modes for payment of telecommunications charges, and they are not constrained by the time limits prescribed in the previous paragraph.

Telecommunications service operators should restore telecommunications services which have been temporarily halted to users within 48 hours of the payment of the overdue telecommunications fees and breach-of-contract fees by the telecommunications users.

Article 36 In cases in which engineering construction, network construction, or...

...services should provide public-service telephone services such as fire alarm, burglar alarm, emergency medical treatment, and traffic accident warnings, etc., to users free of charge, as well as ensuring that the communications lines are unimpeded.

Article 38 Telecommunications service operators should provide fair and reasonable access services in a timely...

...attain the telecommunications service standards stipulated by the state or their publicly announced corporate standards, or the telecommunications users have objections to paying the telecommunications charges, telecommunications users have the right to request the telecommunications service operators to resolve the issue; in cases in which the

telecommunications service operators refuse to...

...providing an answer to the complainant within 30 days of receiving the
complaint.
    In cases in which telecommunications users have objections to paying
local telephone charges, in response to a request from the
telecommunications user(s), the telecommunications service operators should
provide them with the basis for the collection of local telephone fees free
of charge, and they also have the obligation to take the necessary
steps to assist the telecommunications users in locating the cause.
    Article 41 In the course...telecommunications networks,
telecommunications service operators should see to it that their plans,
construction, and operation are synchronized with the demands of state
security and telecommunications network security.
    Article 62 In the course of public information services, when
telecommunications service operators discover information being
transmitted in the telecommunications network that clearly
falls into the category of content listed in Article 57 of these
regulations, they should immediately halt the transmission, keep relevant
records, and report it to the concerned state offices.
    Article 63 Use of the content of information transmitted
on telecommunications networks and the consequences thereof are the
responsibility of telecommunications users.
    In cases in which the information transmitted on
telecommunications networks and used by telecommunications users falls into
the category of state secret information, measures to protect the secrets
must be taken in...one, Article 34 and paragraph two, Article 40 of these
regulations, in which telecommunications service operators refuse to
provide users with an itemized statement of charges for domestic
long-distance communication services, international communication services,
mobile communication services, and information services, etc., free of
charge, or refuse to provide telecommunications users with the basis
for the collection of local telephone fees free of charge when the
telecommunications users have objections to and make requests concerning
the remittance of local telephone charges, the telecommunications
management offices of the provinces, autonomous regions, and municipalities
directly under the central government will order corrections to be made and
apologies given...

20000930

5/3,K/10 (Item 7 from file: 20)
DIALOG(R)File 20: Dialog Global Reporter
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01702093 (USE FORMAT 7 OR 9 FOR FULLTEXT)
NTN Network Offers Limited Games Schedule Until Customer Satellite Dish
Realignment Is Complete

BUSINESS WIRE
May 22, 1998   8:43
Journal Code: WBWE   Language: English   Record Type: FULLTEXT
Word Count: 432
(USE FORMAT 7 OR 9 FOR FULLTEXT)

...a limited game schedule. The NTN system was designed to revert to a
back-up system in each individual location's PC hard drive upon
disruption of satellite transmission. NTN also has the ability to
communicate with sites via a telephone modem connection within the
NTN system. Sokol added, "We estimate that the labor charges
associated with realigning the dishes will cost the company about $300,000

to $400,000 in the current quarter. We are fortunate in that the...

...compete. The new start date will be June 12. NTN Communications Inc.
(AMEX:NTN) is a leading producer and programmer of interactive television,
online and Internet entertainment. Based in Carlsbad, Calif., the
company broadcasts to a variety of delivery platforms 24 hours a
day, providing multi-player sports and trivia games through hospitality
locations such as bars, restaurants and hotels. NTN's content is
also available through America Online (keyword: ntn). The company's website
is located at www.ntn.com
        CONTACT: NTN Investor Relations
        Jon Williams, 760...

19980522

5/3,K/11 (Item 1 from file: 47)
DIALOG(R)File 47: Gale Group Magazine DB(TM)
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06566067   Supplier Number: 101032667 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Big brother invades the campus and workplace: infotainment and the copyright
cops. (The Sidebar).(Column)

Ebbinghouse, Carol
Searcher , 11 , 5 , 18(6)
May , 2003
Document Type: Column
ISSN: 1070-4795
Language: English   Record Type: Fulltext
Word Count: 4571   Line Count: 00381

Text:

...stands vigilant in its battle against services and technologies that
would liberate music, movies, games, media, etc., to all takers. On the
legislative front, a bill in Congress (HR 5211) would give content
producers the ability to interfere with peer-to-peer (P2P) networks if used
for down-loading their works. Specifically the bill would "enable
content owners' self-help measures to combat peer-to-peer piracy." (2) In
the article discussing the bill, "the Association for Computing
Machinery (ACM) wrote that this measure would encourage unethical
behavior.... 'We are concerned that HR 5211 would legitimize a variety of
...

...1) Permitting self-help on P2P networks could mean 'all computers
connected to the Internet.' (2) Self-help efforts 'would create new volumes
of network traffic, resulting in Internet service disruptions
and degradation of service for innocent Internet users, many of whom may
not be using P2P networks.' (3) The bill 'underestimates the
technical challenge' of identifying copyrighted works online. (4) Self-help
would involve defeating firewalls and other security measures, that ACM
said violated both the Digital Millennium Copyright Act (DMCA) and the USA
Patriot Act. (5) The bill ignores the fact that P2P is used for a
variety of uses, including R&D via distributed computing."
        ...3).
        The letters to corporate America4 asked the companies to prevent
their employees from taking copyrighted material off the Web while at work.
The creative content organizations pointed out that it "appears that
many corporate network users are taking advantage of fast
Internet connections at work by publicly uploading and downloading
infringing files on P2P services and also distributing and storing

such files on corporate intranets. ... The use of your digital
network to pirate music, movies and other copyrighted works both
interferes with the business purposes your network was built to
serve and subjects your employees and your company to significant legal
liability under the federal copyright law." Now that's subtle. The creative
content organizations' letter encourages companies to implement
"employee policies and technical measures to prevent copyright
infringements on ... corporate networks."

The RIAA has already "obtained a $1...to provide them with accurate
information.

ACRL leaders agree that peer-to-peer networking file sharing is a
campus problem that, along with facilitating the distribution of
unauthorized copies of copyrighted work, uses valuable bandwidth and
affects overall campus network operations. We disagree, however,
with the implication that all file-sharing activities are infringements of
copyright that constitute piracy. ... Moreover, universities and libraries
are using peer-to-peer networks for research, teaching, and document
transfer that are all within the bounds of ...According to a report
in the November 26, 2002, Washington Internet Daily on the Naval Academy,
"Midshipmen are given PCs when joining the Academy and pay them off
over a 4-year stint through deductions from their monthly paychecks."
Articles discuss the actions that network managers at Stanford, Yale, Penn
State...

...seen as a proactive unit of the organization, and, in such a leadership
position, should still protect user rights. It should assure that the
Library Bill of Rights and other professional, free speech, and
Internet priorities are taken into account in the development of a policy."

Alternative Approaches for Entertainment Organizations...readers: How
many of you still get your email via peer-to-peer IJIJCP dialups or the old
"free" Internet, and how many of you pay $19.95 a month or more to
an ISP? How many of you watch "free" television over the airwaves, and how
many of you pay $20-$60 a month for cable or satellite television?
(Not to mention continue to rent movies on videotape and DVD, and
purchasing physical copies of...

...will be hundreds of millions of paying subscribers. That is, unless they
wait too long, in which case, Kazaa itself will start to offer (and
charge for) these advantages. (Or would, in the absence of legal
challenges.) Much as AOL, MSN, Yahoo!, Cnet, and many others have
collectively built a multi-billion dollar media business on the
"free" Web, "publishers" will evolve on file sharing networks.

Why would you pay for a song that you could get for free? For
the same reason that you will buy a book that you could borrow from the...

...been supplemented by various aggregated premium channels. HBO, one of
those channels, is now television's most profitable network. Meanwhile,
over on the Internet, people pay their ISP $19.95/month for the
equivalent of "basic cable," and an ideal opportunity for a premium
channel, a music download service, has gone begging for lack of vision on
the part of existing music publishers.

Another lesson from television is that people prefer subscriptions to
pay-per-view, except for very special events. What's more, they
prefer subscriptions to larger collections of content, rather than single
channels. So, people subscribe...

20030501

5/3,K/12 (Item 2 from file: 47)
DIALOG(R)File 47: Gale Group Magazine DB(TM)

04579037   Supplier Number: 18624716 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The challenge of HTTP server configuration. (Looking Forward)(PC Week Netweek)
(Technology Tutorial)(Tutorial)(Column)

Van Name, Mark L.; Catchings, Bill
PC Week , v13 , n34 , pN8(1)
August 26 , 1996
Document Type: Tutorial Column
ISSN: 0740-1604
Language: English   Record Type: Fulltext; Abstract
Word Count: 575   Line Count: 00046

Abstract: ...the way HTTP requests arrive at the server. Users are rarely
connected directly to a given Web server but rather are connected via a local
Internet point of presence (POP) that routes their requests to the destination
server through POP's server connection to the Internet. A standard Ethernet
connection is usually more than sufficient for the traffic from these slower
links to the Internet, but for intranets they are usually not fast enough. Web
servers can deliver many more static pages than Ethernet can handle. HTTP
servers provide more dynamic content, which may reduce the amount of data
servers have to send to users. HTTP servers should have a switchable 10/100-Mbps
Ethernet connection.
Abstract:

...the 10M-bps bandwidth of a single standard Ethernet connection is more
than enough to handle the traffic from the relatively slower links to the
Internet.
    Ramp it up
    In the intranet case, however, an Ethernet connection may well not be
nearly fast enough. Our tests (as well as those of others) have shown that
for static content, even multiple Ethernets are not fast enough
under heavy user loads. To keep a reasonably capable intranet server busy,
you need a 100M-bps connection.
    The reason is simple: Just as today's powerful file servers can
deliver more data than four Ethernets can carry, Web servers can
easily deliver more static pages than an Ethernet can handle.
    As we discussed a few weeks ago, however, the growing movement toward
having HTTP servers provide more dynamic content may well ultimately
lower the amount of data a server must deliver to users.
    As server content becomes more dynamic, the server's
network mileage will unavoidably vary. During this transition, you
must monitor loads carefully.
    The safest bet for any HTTP server is to make sure it contains...

...slower connection will probably be more than adequate for external
customers, and it might even be enough for an initial intranet setup.
Should your intranet traffic grow, the faster connection will
be available with minimal disruption.
    With this approach, you can spend little money and yet be prepared to
handle both Internet and intranet users.
    Mark L. Van Name and Bill Catchings
    You can reach Mark Van Name and Bill Catchings via the Internet
at mark--van--name@zd.com and bill--catchings@zd.com

19960826

5/3,K/13 (Item 1 from file: 148)
DIALOG(R)File 148: Gale Group Trade & Industry DB

0020101106   Supplier Number: 88579797 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Cable & Wireless further extends OC-192 using MPLS across global IP network; US coast-to-coast deployment of OC-192 running MPLS completed.

M2 Presswire , NA
July 8 , 2002
Language: English
Record Type: Fulltext
Word Count: 789   Line Count: 00070

...07082002
        VIENNA, Virginia -- Cable & Wireless (LSE:CW, NYSE:CWP), the
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network speeds from the west coast of the United States across the
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of its global high performance network and IP services with Exodus'
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is now the premier choice for eBusiness infrastructure solutions in the
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        The upgrade follows the OC-192...

...of service and performance on a global scale."
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Wireless to provide enterprises and service providers with an
internet infrastructure to support all their applications,
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20020708

5/3,K/14 (Item 2 from file: 148)
DIALOG(R)File 148: Gale Group Trade & Industry DB
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15787806   Supplier Number: 101032667 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Big brother invades the campus and workplace: infotainment and the copyright
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Ebbinghouse, Carol
Searcher , 11 , 5 , 18(6)
May , 2003
Document Type: Column
ISSN: 1070-4795
Language: English
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Word Count: 4571   Line Count: 00381

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ACRL leaders agree that peer-to-peer networking file sharing is a campus problem that, along with facilitating the distribution of unauthorized copies of copyrighted work, uses valuable bandwidth and affects overall campus network operations. We disagree, however, with the implication that all file-sharing activities are infringements of copyright that constitute piracy. ... Moreover, universities and libraries are using peer-to-peer networks for research, teaching, and document transfer that are all within the bounds of ...According to a report in the November 26, 2002, Washington Internet Daily on the Naval Academy, "Midshipmen are given PCs when joining the Academy and pay them off over a 4-year stint through deductions from their monthly paychecks." Articles discuss the actions that network managers at Stanford, Yale, Penn State...seen as a proactive unit of the organization, and, in such a leadership position, should still protect user rights. It should assure that the Library Bill of Rights and other professional, free speech, and Internet priorities are taken into account in the development of a policy."

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20030501

5/3,K/15 (Item 3 from file: 148)
DIALOG(R)File 148: Gale Group Trade & Industry DB
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14108328   Supplier Number: 80673347 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Openet Telecom's Latest Convergent Mediation Platform Provides Greater Flexibility for Improved ROI; FusionWorks Version 3.0 Gives Communication Service Providers More Control Over the Transformation of Network Data Into Billable Data.

PR Newswire , LAM025101222001
Dec 10 , 2001
Language: English
Record Type: Fulltext
Word Count: 753   Line Count: 00078
...Mediation Platform Provides Greater Flexibility for Improved ROI; FusionWorks Version 3.0 Gives Communication Service Providers More Control Over the

Transformation of Network Data Into Billable Data.

...to look at the mediation layer of their solution stack to ensure that
revenue leakage is kept to a minimum, and that customers are accurately
billed based on actual usage, content and application used,"
said Barry Murphy, CEO of Openet Telecom.
        Built from the ground up, FusionWorks is an open standards-based,
distributed software platform that is hardware and software
independent. A fully-scalable convergent mediation platform, it unifies
customer usage patterns from legacy network infrastructures, IP
networks and all generations of mobile networks, including WAP, GPRS, CDMA,
TDMA, EDGE and UMTS. FusionWorks enables service providers to manage the
growing complexity of their business infrastructure -- including the
collection of subscriber usage information, the integration of new and
legacy billing systems, event-based transaction pricing and
management, customer care, data warehousing, fraud management and other
related applications. The added capabilities of FusionWorks Version 3.0
allow service providers to:

    -- Manage multiple versions of the business rules that define how data i
s

        collected, transformed and distributed to business applications such
            as billing
 in order to optimize their effectiveness and efficiency
            -- Decrease operational expense and find revenue opportunities
            -- Plug revenue and fraud leaks
            -- Add equipment to the network or feed new applications without
            disrupting the ongoing mediation process
            -- Support advanced IP and 2.5 and 3G mobile communication
 technologies
            as well as all the common technologies

    -- Obtain additional reports to more effectively monitor and control the
            mediation process
            -- Control all the security capabilities...

...with minimal effort
        "As networks and services become more complex, the need for a
flexible, convergent mediation systems takes on new importance," said Denis
Cronin, billing development manager, Esat Business, the leading
provider of broadband data and corporate Internet solutions in Ireland.
"FusionWorks gives us the power to control the software...

...the Dublin-based company established a presence in the United States
with the signing of AT&T Wireless, and garnered Best New Company honors
at Billing World 2001 and Best Young Company 2001 honors by the
Irish Software Association. The company also recently closed on a $20
million investment from Benchmark...

...process," said Murphy. "FusionWorks enables service providers to gain a
better understanding of customer usage, shorten the time it takes to launch
a new service, bill for services more accurately, retrieve the
information necessary to improve service penetration and generate more
revenue from existing services."
        About Openet Telecom
        Established in 1999, Openet Telecom is the world leader in providing
scalable mediation solutions that enable communication providers to easily
implement, manage and bill sophisticated services. Openet Telecom's
flagship product, FusionWorks, is a high-performance mediation platform
that unifies customer usage patterns from legacy network infrastructure, IP
Networks...

20011210

5/3,K/16 (Item 4 from file: 148)
DIALOG(R)File 148: Gale Group Trade & Industry DB
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08940770   Supplier Number: 18624716 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The challenge of HTTP server configuration. (Looking Forward)(PC Week Netweek)
(Technology Tutorial)(Tutorial)(Column)

Van Name, Mark L.; Catchings, Bill

Abstract: ...the way HTTP requests arrive at the server. Users are rarely
connected directly to a given Web server but rather are connected via a local
Internet point of presence (POP) that routes their requests to the destination
server through POP's server connection to the Internet. A standard Ethernet
connection is usually more than sufficient for the traffic from these slower
links to the Internet, but for intranets they are usually not fast enough. Web
servers can deliver many more static pages than Ethernet can handle. HTTP
servers provide more dynamic content, which may reduce the amount of data
servers have to send to users. HTTP servers should have a switchable 10/100-Mbps
Ethernet connection.
Abstract:

...the 10M-bps bandwidth of a single standard Ethernet connection is more
than enough to handle the traffic from the relatively slower links to the
Internet.
    Ramp it up
    In the intranet case, however, an Ethernet connection may well not be
nearly fast enough. Our tests (as well as those of others) have shown that
for static content, even multiple Ethernets are not fast enough
under heavy user loads. To keep a reasonably capable intranet server busy,
you need a 100M-bps connection.
    The reason is simple: Just as today's powerful file servers can
deliver more data than four Ethernets can carry, Web servers can
easily deliver more static pages than an Ethernet can handle.
    As we discussed a few weeks ago, however, the growing movement toward
having HTTP servers provide more dynamic content may well ultimately
lower the amount of data a server must deliver to users.
    As server content becomes more dynamic, the server's
network mileage will unavoidably vary. During this transition, you
must monitor loads carefully.
    The safest bet for any HTTP server is to make sure it contains...

...slower connection will probably be more than adequate for external
customers, and it might even be enough for an initial intranet setup.
Should your intranet traffic grow, the faster connection will
be available with minimal disruption.
    With this approach, you can spend little money and yet be prepared to
handle both Internet and intranet users.
    Mark L. Van Name and Bill Catchings
    You can reach Mark Van Name and Bill Catchings via the Internet
at mark--van--name@zd.com and bill--catchings@zd.com

19960826

5/3,K/17 (Item 1 from file: 275)
DIALOG(R)File 275: Gale Group Computer DB(TM)
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02705952   Supplier Number: 101032667 (Use Format 7 Or 9 For FULL TEXT)
Big brother invades the campus and workplace: infotainment and the copyright
cops. (The Sidebar).(Column)

Ebbinghouse, Carol
Searcher , 11 , 5 , 18(6)
May , 2003
Document Type: Column
ISSN: 1070-4795
Language: English   Record Type: Fulltext
Word Count: 4571   Line Count: 00381

Text:
...stands vigilant in its battle against services and technologies that
would liberate music, movies, games, media, etc., to all takers. On the
legislative front, a bill in Congress (HR 5211) would give content
producers the ability to interfere with peer-to-peer (P2P) networks if used
for down-loading their works. Specifically the bill would "enable
content owners' self-help measures to combat peer-to-peer piracy." (2) In
the article discussing the bill, "the Association for Computing
Machinery (ACM)   ...1) Permitting self-help on P2P networks could mean 'all
computers connected to the Internet.' (2) Self-help efforts 'would create
new volumes of network traffic, resulting in Internet service
disruptions and degradation of service for innocent Internet users,
many of whom may not be using P2P networks.' (3) The bill
'underestimates the technical challenge' of identifying copyrighted works
online. (4) Self-help would   ...involve defeating firewalls and other
security measures, that ACM said violated both the Digital Millennium
Copyright Act (DMCA) and the USA Patriot Act. (5) The bill ignores
the fact that P2P is used for a variety of uses, including R&D via
distributed computing."   ...3).
     The letters to corporate America4 asked the companies to prevent
their employees from taking copyrighted material off the Web while at work.
The creative content organizations pointed out that it "appears that
many corporate network users are taking advantage of fast
Internet connections at work by publicly uploading and downloading
infringing files on P2P services and also distributing and storing
such files on corporate intranets. ... The use of your digital
network to pirate music, movies and other copyrighted works both
interferes with the business purposes your network was built to
serve and subjects your employees and your company to significant legal
liability under the federal copyright law." Now that's subtle. The creative
content organizations' letter encourages companies to implement
"employee policies and technical measures to prevent copyright
infringements on ... corporate networks."
     The RIAA has already "obtained a $1...to provide them with accurate
information.
     ACRL leaders agree that peer-to-peer networking file sharing is a
campus problem that, along with facilitating the distribution of
unauthorized copies of copyrighted work, uses valuable bandwidth and
affects overall campus network operations. We disagree, however,
with the implication that all file-sharing activities are infringements of
copyright that constitute piracy. ... Moreover, universities and libraries
are using peer-to-peer networks for research, teaching, and document

transfer that are all within the bounds of ...According to a report
in the November 26, 2002, Washington Internet Daily on the Naval Academy,
"Midshipmen are given PCs when joining the Academy and pay them off
over a 4-year stint through deductions from their monthly paychecks."
Articles discuss the actions that network managers at Stanford, Yale, Penn
State...seen as a proactive unit of the organization, and, in such a
leadership position, should still protect user rights. It should assure
that the Library Bill of Rights and other professional, free speech,
and Internet priorities are taken into account in the development of a
policy."

Alternative Approaches for Entertainment Organizations...readers: How
many of you still get your email via peer-to-peer IJIJCP dialups or the
old "free" Internet, and how many of you pay $19.95 a month or more
to an ISP? How many of you watch "free" television over the airwaves, and
how many of you pay $20-$60 a month for cable or satellite
television? (Not to mention continue to rent movies on videotape and DVD,
and purchasing physical copies of...will be hundreds of millions of paying
subscribers. That is, unless they wait too long, in which case, Kazaa
itself will start to offer (and charge for) these advantages. (Or
would, in the absence of legal challenges.) Much as AOL, MSN, Yahoo!, Cnet,
and many others have collectively built a multi-billion dollar media
business on the "free" Web, "publishers" will evolve on file sharing
networks.

Why would you pay for a song that you could get for free? For
the same reason that you will buy a book that ...been supplemented by
various aggregated premium channels. HBO, one of those channels, is now
television's most profitable network. Meanwhile, over on the Internet,
people pay their ISP $19.95/month for the equivalent of "basic
cable," and an ideal opportunity for a premium channel, a music download
service, has gone begging for lack of vision on the part of existing music
publishers.

Another lesson from television is that people prefer subscriptions to
pay-per-view, except for very special events. What's more, they
prefer subscriptions to larger collections of content, rather than single
channels. So, people subscribe...

20030501

5/3, K/18 (Item 2 from file: 275)
DIALOG(R)File 275: Gale Group Computer DB(TM)
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01977766   Supplier Number: 18624716 (Use Format 7 Or 9 For FULL TEXT)
The challenge of HTTP server configuration. (Looking Forward)(PC Week Netweek)
(Technology Tutorial)(Tutorial)(Column)

Van Name, Mark L.; Catchings, Bill
PC Week , v13 , n34 , pN8(1)
August 26 , 1996
Document Type: Tutorial Column
ISSN: 0740-1604
Language: English   Record Type: Fulltext; Abstract
Word Count: 575   Line Count: 00046

Abstract: ...the way HTTP requests arrive at the server. Users are rarely
connected directly to a given Web server but rather are connected via a local
Internet point of presence (POP) that routes their requests to the destination
server through POP's server connection to the Internet. A standard Ethernet
connection is usually more than sufficient for the traffic from these slower
links to the Internet, but for intranets they are usually not fast enough. Web
servers can deliver many more static pages than Ethernet can handle. HTTP
servers provide more dynamic content, which may reduce the amount of data

servers have to send to users. HTTP servers should have a switchable 10/100-Mbps Ethernet connection.

Abstract:
...the 10M-bps bandwidth of a single standard Ethernet connection is more than enough to handle the traffic from the relatively slower links to the Internet.
Ramp it up
In the intranet case, however, an Ethernet connection may well not be nearly fast enough. Our tests (as well as those of others) have shown that for static content, even multiple Ethernets are not fast enough under heavy user loads. To keep a reasonably capable intranet server busy, you need a 100M-bps connection.
The reason is simple: Just as today's powerful file servers can deliver more data than four Ethernets can carry, Web servers can easily deliver more static pages than an Ethernet can handle.
As we discussed a few weeks ago, however, the growing movement toward having HTTP servers provide more dynamic content may well ultimately lower the amount of data a server must deliver to users.
As server content becomes more dynamic, the server's network mileage will unavoidably vary. During this transition, you must monitor loads carefully.
The safest bet for any HTTP server is to make sure it contains...

...slower connection will probably be more than adequate for external customers, and it might even be enough for an initial intranet setup. Should your intranet traffic grow, the faster connection will be available with minimal disruption.
With this approach, you can spend little money and yet be prepared to handle both Internet and intranet users.
Mark L. Van Name and Bill Catchings
You can reach Mark Van Name and Bill Catchings via the Internet at mark--van--name@zd.com and bill--catchings@zd.com

19960826

5/3,K/19 (Item 1 from file: 484)
DIALOG(R)File 484: Periodical Abs Plustext

05969906 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Big brother invades the campus and workplace: Infotainment and the copyright cops

Ebbinghouse, Carol
Text:
...stands vigilant in its battle against services and technologies that would liberate music, movies, games, media, etc., to all takers. On the legislative front, a bill in Congress (HR 5211) would give content producers the ability to interfere with peer-to-- peer (P2P) networks if used for downloading their works. Specifically the bill would "enable content owners' selfhelp measures to combat peer-to-peer piracy."2 In the article discussing the bill, "the Association for Computing Machinery (ACM) wrote that this measure would encourage unethical behavior.... 'We are concerned that HR 5211 would legitimize a variety of
...

...1) Permitting self-help on P2P networks could mean 'all computers
connected to the Internet.' (2) Self-help efforts 'would create new volumes
of network traffic, resulting in Internet service disruptions
and degradation of service for innocent Internet users, many of whom may
not be using P2P networks.' (3) The bill 'underestimates the
technical challenge' of identifying copyrighted works online. (4) Self-help
would involve defeating firewalls and other security measures, that ACM
said violated both the Digital Millennium Copyright Act (DMCA) and the USA
Patriot Act. (5) The bill ignores the fact that P2P is used for a
variety of uses, including R&D via distributed computing."
        While I agree with PC Magazine, that...

...3).
        The letters to corporate America4 asked the companies to prevent their
employees from taking copyrighted material off the Web while at work. The
creative content organizations pointed out that it "appears that
many corporate network users are taking advantage of fast
Internet connections at work by publicly uploading and downloading
infringing files on P2P services and also distributing and storing
such files on corporate intranets. ... The use of your digital
network to pirate music, movies and other copyrighted works both
interferes with the business purposes your network was built to
serve and subjects your employees and your company to significant legal
liability under the federal copyright law." Now that's subtle. The creative
content organizations' letter encourages companies to implement
"employee policies and technical measures to prevent copyright
infringements on ... corporate networks."
        The RIAA has already "obtained a $1...

...you to provide them with accurate information.
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campus problem that, along with facilitating the distribution of
unauthorized copies of copyrighted work, uses valuable bandwidth and
affects overall campus network operations. We disagree, however,
with the implication that all file-sharing activities are infringements of
copyright that constitute piracy. ... Moreover, universities and libraries
are using peer-to-peer networks for research, teaching, and document
transfer that are all within the bounds of the copyright law.
        So what is a librarian to do according to ACRL? "Now more than ever,
it...

...According to a report in the November 26, 2002, Washington Internet
Daily on the Naval Academy, "Midshipmen are given PCs when joining the
Academy and pay them off over a 4-year stint through deductions from
their monthly paychecks." Articles discuss the actions that network
managers at Stanford, Yale, Penn State...

...seen as a proactive unit of the organization, and, in such a leadership
position, should still protect user rights. It should assure that the
Library Bill of Rights and other professional, free speech, and
Internet priorities are taken into account in the development of a policy."
        Alternative Approaches for Entertainment Organizations...

...How many of you still get your e-- mail via peer-to-peer UUCP dialups or
the old "free" Internet, and how many of you pay $19.95 a month or
more to an ISP? How many of you watch "free" television over the airwaves,
and how many of you pay $20-$60 a month for cable or satellite
television? (Not to mention continue to rent movies on videotape and DVD,
and purchasing physical copies of...

...will be hundreds of millions of paying subscribers. That is, unless they
wait too long, in which case, Kazaa itself will start to offer (and

charge for) these advantages. (Or would, in the absence of legal
challenges.) Much as AOL, MSN, Yahoo!, Cnet, and many others have
collectively built a multi-billion dollar media business on the
"free" Web, "publishers" will evolve on file sharing networks.
        Why would you pay for a song that you could get for free? For
the same reason that you will buy a book that you could borrow from the...

...been supplemented by various aggregated premium channels. HBO, one of
those channels, is now television's most profitable network. Meanwhile,
over on the Internet, people pay their ISP $19.95/month for the
equivalent of "basic cable," and an ideal opportunity for a premium
channel, a music download service, has gone begging for lack of vision on
the part of existing music publishers.
        Another lesson from television is that people prefer subscriptions to
pay-per-view, except for very special events. What's more, they
prefer subscriptions to larger collections of content, rather than single
channels. So, people subscribe...

5/3,K/20 (Item 1 from file: 610)
DIALOG(R)File 610: Business Wire
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00635063   20011212346B8143 (USE FORMAT 7 FOR FULLTEXT)
Array Networks Launches Worldwide Channel Program; All-In-One Web Traffic
Management Appliance Attracts Solution Providers in North America, Europe, and
Asia Pacific

Business Wire
Wednesday , December 12, 2001   12:14 EST
Journal Code: BW Language: ENGLISH Record Type: FULLTEXT Document Type:
NEWSWIRE
Word Count: 833

Text:
 ...ownership."

Array Networks' all-in-one Array product family combines accelerated Layer
4-7
server load balancing with high-performance caching, built-in SSL
acceleration, content rewrite for transparent interaction with
content
delivery networks, Web security, global server load balancing, and
seamless
clustering. The Array platform's service-on-demand configurations and open
API
offer the flexibility to add a rich set of services and features, including
essential Web traffic management capabilities as well as dynamic
caching,
content replication, advanced security, billing and
monitoring systems, etc.
"Array Networks' integrated platform is an ideal solution for the channel
because its all-in-one capabilities reduce the complexity and risk of Web
traffic management," said Donald Massaro, President and Chief
Executive
Officer of Array Networks. "The Array appliance delivers our 'Power
tools for
the Web,' an integrated suite of Web traffic management capabilities
that's
like selling Microsoft Office for the network. Pay
-as-you-grow configurations

enable solution providers to address their customers' immediate needs and
expand their business without disruption."

Array Networks' Power Partners channel program offers benefits including:

    -- Pre-sales and technical support through Array sales offices in
       Germany, Great Britain, France, Japan, Korea...

5/3,K/21 (Item 2 from file: 610)
DIALOG(R)File 610: Business Wire
(c) 2008 Business Wire. All rights reserved.

00395259   20001026300B2579 (USE FORMAT 7 FOR FULLTEXT)
Ravisent Accelerates Internet Connectivity With IPM Web Enabled Telephone; IPM
Shipping Smilephone Powered by RAVISENT's e-Surfer 3.1 Software Browser

Business Wire
Thursday , October 26, 2000   11:42 EDT
Journal Code: BW Language: ENGLISH Record Type: FULLTEXT Document Type:
NEWSWIRE
Word Count: 2,762

Text:
 ...to a
strong U.S. economy, which led to strong demand for air travel both
domestically and internationally, a favorable pricing climate, and a labor
disruption at one of the Company's major competitors which
positively impacted
the Company's revenues by approximately $80 million to $100 million.

American's traffic or revenue passenger miles (RPMs) increased 4.2
percent to
31.6 billion miles for the quarter ended September 30, 2000.
American's
capacity or available seat miles (ASMs) decreased 2.0 percent to 41.4
billion
miles in the third quarter of 2000. American's domestic traffic
increased 3.3
percent on a capacity decrease of 3.4 percent and international
traffic
increased 5.9 percent on capacity increases of 1.1 percent. The decrease in
domestic capacity was due primarily to the Company's "More Room..

...decrease of 1.8 percent.
American Eagle's passenger revenues increased 10.8 percent, or $38 million.
American Eagle's traffic increased to 1.0 billion RPMs, up 10.3
percent, while
capacity increased to 1.6 billion ASMs, or 8.6 percent, in the third
quarter
of 2000.

Cargo revenues increased $23 million, or 14.4 percent, due primarily to a
fuel...continuing operations of $446
million, or $2.81 per common share diluted, for the same period in 1999.
AMR's
operating income of $1.3 billion increased 46.8 percent, or $415
million,
compared to the same period in 1999. AMR's 2000 results from continuing
operations include the effect of...

...diluted,
related to the sale of a portion of American's holdings in Equant, N.V.

(Equant).
The Company's revenues increased approximately $1.6 billion, or 12.1
percent,
during the first nine months of 2000 versus the same period last year.
American's passenger revenues increased by 12.5 percent, or approximately
$1.4
billion. American's yield of 13.86 cents increased by 6.8 percent
compared to
the same period in 1999. Domestic yields increased 6.6 percent...

...to a strong U.S. economy, which led to strong demand for air travel
both domestically and internationally, a favorable pricing climate, and a
labor disruption at one of the Company's major competitors which
positively
impacted the Company's revenues by approximately $80 million to $100
million.
The first quarter of 1999 includes a schedule disruption which
negatively
impacted the Company's operations.

American's traffic or revenue passenger miles (RPMs) increased 5.4
percent to
89.1 billion miles for the nine months ended September 30, 2000.
American's
capacity or available seat miles (ASMs) increased 1.0 percent to 121.5
billion
miles in the first nine months of 2000. American's domestic traffic
increased
4.2 percent on a capacity decrease of 0.5 percent and international
traffic
increased 7.8 percent on capacity increases of 4.2 percent. The decrease in
domestic capacity was due primarily to the Company's "More Room..

...growth of 1.4 percent.

American Eagle's passenger revenues increased 13.8 percent, or $133
million.
American Eagle's traffic increased to 2.8 billion RPMs, up 13.1
percent, while
capacity increased to 4.7 billion ASMs, or 13.4 percent, in the
first nine
months of 2000.

Cargo revenues increased $61 million, or 13.0 percent, due primarily to a
...

...and a labor
disruption at one of the Company's major competitors.

The Company's operating expenses increased 9.6 percent, or approximately
$1.2
billion. American's cost per ASM increased by 8.4 percent to 10.17
cents.
Wages, salaries and benefits increased $451 million, or 9.9 percent...the
IPM Group, a premier European supplier of state of the art
solutions for telecommunications, has selected RAVISENT's e-Surfer 3.1
embedded software Internet browser for the basic version of its
Smilephone web
enabled telephone.

The e-Surfer 3.1 allows IPM to deliver an enhanced Web browsing
experience to
end-users demanding the ultimate Internet experience with the use of

the
Smilephone. This innovative screen phone allows users to display web and
email
content.

The IPM Group, a leading company in the design, production and marketing of
technological solutions for telecommunications, is launching a
revolutionary
new product on the...

5/3,K/22 (Item 1 from file: 613)
DIALOG(R)File 613: PR Newswire

00791299   20020708NYM060 (USE FORMAT 7 FOR FULLTEXT)
Cable & Wireless Further Extends OC-192 Using MPLS

PR Newswire
Monday , July 8, 2002   08:32 EDT
Journal Code: PR   Language: ENGLISH   Record Type: FULLTEXT   Document Type:
NEWSWIRE
Word Count: 731

Text:
  Cable & Wireless (NYSE: CWP;
LSE:CW), the global telecommunications group, today announced it has
upgraded
the US portion of its global IP network to OC-192 running MPLS from
coast-to-coast.   The network upgrade, which delivers OC-192
network speeds
from the west coast of the United States across the Atlantic Ocean and into
Europe, further reinforces Cable & Wireless' leadership position for
providing
superior network performance, quality and reach, consistently around
the
globe.   Through the combination of its global high performance
network and IP
services with Exodus' hosting and content delivery services,
Cable & Wireless
is now the premier choice for eBusiness infrastructure solutions in the US,
Europe and Asia-Pacific.
       The upgrade follows the OC-192...

...of service and performance on a global scale."
     Multi-protocol label switching (MPLS) technology allows Cable &
Wireless
to provide enterprises and service providers with an Internet
infrastructure
to support all their applications, connectivity and content needs -
even those
time critical and mission critical services that they would typically not
consider transmitting over other best effort Internet
backbones.   Cable &
Wireless' global IP network provides:

     *   Large-scale Internet content providers with the high
quality network
       connections required to efficiently and securely link hosted and
cached
       content with their target market users even when the
geographical span
       is several continents.

    *   Global ISPs with a quality IP backbone to deliver
traffic-engineered
        services to their own customers. The additional capacity and
        predictability offered by the upgrade is crucial for maintaining
this
        ability.
    *   Large multinational enterprise...
     Network Architecture
     Cable & Wireless' global IP network is based on a core traffic
engineering
platform using intelligent MPLS routing and switching capability at 10
Gbps.
This leading platform provides a scalable, reliable and more economic
transport system for individual services, such as IP transit, hosting, and
content delivery services.
     With this network architecture, Cable & Wireless is able to:

    *   Offer high capacity OC-48/STM-16 IP access services to carriers,
        content providers, ISPs and large enterprises.
    *   Scale the network to handle the anticipated increase in
Internet
        traffic in and between the US and Europe.
    *   Optimally restore network traffic and minimise service
disruptions in
        the event of major network disruptions.

     About Cable & Wireless
     Cable & Wireless is a major global telecommunications business with
revenue of over 5.9 billion pounds sterling (US$8.6 billion)
in the year to
31 March 2002 and customers in 70 countries. The company consists of two
core
and complementary divisions: Cable & Wireless Regional and...

5/3,K/23 (Item 2 from file: 613)
DIALOG(R)File 613: PR Newswire
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00687506   20011210LAM025 (USE FORMAT 7 FOR FULLTEXT)
Openet Telecom's Latest Convergent Mediation Platform

PR Newswire
Monday , December 10, 2001   07:56 EST
Journal Code: PR   Language: ENGLISH   Record Type: FULLTEXT   Document Type:
NEWSWIRE
Word Count: 785

Text:
  ...to look at the mediation layer of their solution
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ensure that revenue leakage is kept to a minimum, and that customers are
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Barry Murphy, CEO of Openet Telecom.
     Built from the ground up, FusionWorks is an open standards-based,
distributed software platform that is hardware and software
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of mobile networks, including WAP, GPRS, CDMA, TDMA, EDGE and UMTS.
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their business infrastructure -- including the collection of subscriber usage
information, the integration of new and legacy billing systems, event-based
transaction pricing and management, customer care, data warehousing, fraud
management and other related applications. The added capabilities of
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        -- Manage multiple versions of the business rules that define how data
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        -- Support advanced IP and 2.5 and 3G mobile communication
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        -- Obtain additional reports to more effectively monitor and control
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World 2001 and Best Young Company 2001 honors by the Irish Software
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from Benchmark...

...process," said Murphy. "FusionWorks enables service
providers to gain a better understanding of customer usage, shorten the
time
it takes to launch a new service, bill for services more accurately,
retrieve
the information necessary to improve service penetration and generate more
revenue from existing services."
    About Openet Telecom
    Established in 1999, Openet Telecom is the world leader in providing
scalable mediation solutions that enable communication providers to easily
implement, manage and bill sophisticated services. Openet Telecom's
flagship
product, FusionWorks, is a high-performance mediation platform that unifies
customer usage patterns from legacy network infrastructure, IP Networks...

5/3,K/24 (Item 1 from file: 621)
DIALOG(R)File 621: Gale Group New Prod.Annou.(R)
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03067816   Supplier Number: 80673347 (USE FORMAT 7 FOR FULLTEXT)
Openet Telecom's Latest Convergent Mediation Platform Provides Greater

Flexibility for Improved ROI; FusionWorks Version 3.0 Gives Communication
Service Providers More Control Over the Transformation of Network Data Into
Billable Data.

PR Newswire , p LAM02510122001
Dec 10 , 2001
Language: English   Record Type: Fulltext
Document Type: Newswire ; Trade
Word Count: 753
...Mediation Platform Provides Greater Flexibility for Improved ROI; FusionWorks
Version 3.0 Gives Communication Service Providers More Control Over the
Transformation of Network Data Into Billable Data.
-
...to look at the mediation layer of their solution stack to ensure that
revenue leakage is kept to a minimum, and that customers are accurately
billed based on actual usage, content and application used,"
said Barry Murphy, CEO of Openet Telecom
        Built from the ground up, FusionWorks is an open standards-based,
distributed software platform that is hardware and software
independent. A fully-scalable convergent mediation platform, it unifies
customer usage patterns from legacy network infrastructures, IP
networks and all generations of mobile networks, including WAP, GPRS, CDMA,
TDMA, EDGE and UMTS. FusionWorks enables service providers to manage the
growing complexity of their business infrastructure -- including the
collection of subscriber usage information, the integration of new and
legacy billing systems, event-based transaction pricing and
management, customer care, data warehousing, fraud management and other
related applications. The added capabilities of FusionWorks Version 3.0
allow service providers to:

    -- Manage multiple versions of the business rules that define how data i
s

        collected, transformed and distributed to business applications such
            as billing
 in order to optimize their effectiveness and efficiency
            -- Decrease operational expense and find revenue opportunities
            -- Plug revenue and fraud leaks
            -- Add equipment to the network or feed new applications without
            disrupting the ongoing mediation process
            -- Support advanced IP and 2.5 and 3G mobile communication
 technologies
            as well as all the common technologies

    -- Obtain additional reports to more effectively monitor and control the
            mediation process
            -- Control all the security capabilities...

...with minimal effort
        "As networks and services become more complex, the need for a
flexible, convergent mediation systems takes on new importance," said Denis
Cronin, billing development manager, Esat Business, the leading
provider of broadband data and corporate Internet solutions in Ireland.
"FusionWorks gives us the power to control the software...

...the Dublin-based company established a presence in the United States
with the signing of AT&T Wireless, and garnered Best New Company honors
at Billing World 2001 and Best Young Company 2001 honors by the
Irish Software Association. The company also recently closed on a $20
million investment from Benchmark...

...process," said Murphy. "FusionWorks enables service providers to gain a
better understanding of customer usage, shorten the time it takes to launch

a new service, bill for services more accurately, retrieve the
information necessary to improve service penetration and generate more
revenue from existing services."
     About Openet Telecom
     Established in 1999, Openet Telecom is the world leader in providing
scalable mediation solutions that enable communication providers to easily
implement, manage and bill sophisticated services. Openet Telecom's
flagship product, FusionWorks, is a high-performance mediation platform
that unifies customer usage patterns from legacy network infrastructure, IP
Networks...

20011210

5/3,K/25 (Item 1 from file: 636)
DIALOG(R)File 636: Gale Group Newsletter DB(TM)
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05307837   Supplier Number: 88579797 (USE FORMAT 7 FOR FULLTEXT)

Cable & Wireless further extends OC-192 using MPLS across global IP network; US
coast-to-coast deployment of OC-192 running MPLS completed.
M2 Presswire , p NA
July 8 , 2002
Language: English   Record Type: Fulltext
Document Type: Newswire ; Trade
Word Count: 789
-
...07082002
     VIENNA, Virginia -- Cable & Wireless (LSE:CW, NYSE:CWP), the
global telecommunications company, today announced it has upgraded the US
portion of its global IP network to OC-192 running MPLS from
coast-to-coast.
     The network upgrade, which delivers OC-192
network speeds from the west coast of the United States across the
Atlantic Ocean and into Europe, further reinforces Cable & Wireless'
leadership position for providing superior network performance,
quality and reach, consistently around the globe. Through the combination
of its global high performance network and IP services with Exodus'
hosting and content delivery services, Cable & Wireless
is ...of service and performance on a global scale."
     Multi-protocol label switching (MPLS) technology allows Cable &
Wireless to provide enterprises and service providers with an
internet infrastructure to support all their applications,
connectivity and content needs - even those time critical and
mission critical services that they would typically not consider
transmitting over other best effort internet backbones.
Cable & Wireless' global IP network provides:
     * Large-scale internet content providers with the high
quality network connections required to link hosted and cached
content efficiently and securely with their target market users even
when the geographical span is several continents.
     * Global ISPs with a quality IP backbone to deliver
traffic-engineered services to their own customers. The additional capacity
and predictability offered by the upgrade is crucial for maintaining this
ability.
     * Large multinational enterprise their own operations.
     Network architecture Cable & Wireless' global IP network
is based on a core traffic engineering platform using intelligent MPLS
routing and switching capability at 10 Gbps.
     This leading platform provides a scalable, reliable and more
economic transport system for individual services, such as IP transit,

hosting, and content delivery services.
With this network architecture, Cable & Wireless is able
to:
* Offer high capacity OC-48/STM-16 IP access services to carriers,
content providers, ISPs and large enterprises.
* Scale the network to handle the anticipated increase in
internet traffic in and between the US and Europe.
* Optimally restore network traffic and minimise
service disruptions in the event of major network
disruptions.
About Cable & Wireless
Cable & Wireless is a major global telecommunications business
with revenue of over GBP5.9 billion (US$8.6 billion) in the
year to 31 March 2002 and customers in 70 countries. The company consists
of two core and complementary divisions: Cable & Wireless Regional and
...

20020708

5/3,K/26 (Item 1 from file: 647)
DIALOG(R)File 647: UBM Computer Fulltext
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01092440   CMP Accession Number: EET19960527S0049
Bit-tax idea collects readers' two cents
(Crosstalk)
ELECTRONIC ENGINEERING TIMES , 1996 , n 903 , PG36
Publication Date: 960527
Journal Code: EET Language: English
Record Type: Fulltext
Section Heading: Opinion
Word Count: 2295
Publication Date: 960527
Text:
...long as it is not onerous.
The purpose of our tax system is twofold. The first purpose is to
raise money for the government to pay for services delivered by the
government. This comes in two forms: user fees and income taxes. User
fees are typically paid by people who consume certain items that result
in government spending to support their consumption. For example, gas
taxes often go to pay for bridge and highway construction and
repairs. Income taxes are typically paid based on income made, and the
purpose is a general financing mechanism for...
...would seem that Internet taxes should be based on need-to- provide
services, not to replace sources of revenue. Identify the sources, and we
will pay the taxes.
Mike Kirby
Xerox Corp.
On the Internet
I'm against the concept of a "bit tax" for several reasons. Let me
list a few:
- Double taxation: We communicate over the telephone lines, for
which we already pay state and federal taxes. This would then tax
the content and purpose of the communication.
- Economic disruption: I am sure that Internet usage
will affect usage of long-distance and conventional mail, but more
likely, it will affect overnight delivery usage. This would hurt
FedEx more than the good old U.S. Postal Service. As far as long-distance
usage, I've seen Bell getting...that transmission of bits is just
another form of inter-person communication. I agree totally that when the
services or goods are exchanged with a payment, a tax should be

applied. However, any communication/info-exchange leading to that sale
should not be taxed. If a network service provider charges by the
bit (because that is how the provider wants to provide the service), then
the bits should be taxed. If a network service provider...

...day, nonstop, over the phone with someone I would like to do business
with, and a communication tax is based on how my phone company
charges the connection. If the connection is time-metered, the
tax is time- metered. If the connection is a local flat monthly fee, the
tax is...

...s request
    On the Internet
    The Internet is a very expensive toy. Even if it has the potential
to turn into a global marketplace where billions or trillions of
dollars can be made, the expansion, evolution, equipment and management
of the Internet will be a very expensive venture. We have to...then the
concept of a national bit tax does not stand very well. That would mean
that only the U.S. users or companies would pay for the rest of
the world using the service?
    Unless we have a global organization, such as W3 or the InterNIC, in
charge of collecting the bit tax on a worldwide basis, we cannot
expect to charge a fraction of the users and let the rest freely
use the service without having strong reactions from the taxed users. But
let's say...

...that the Internet has become a private business, that the government
did bail out of Arpanet and CO? For budgetary reasons.
    I would agree to pay a bit tax, if only that money is used to
manage, maintain and improve the Internet, not to pay more
politicians or for deficient public services as we have today.
    Yves Bodson
    President
    Database Development & Support
    Santa Monica, Calif.
    On the Internet
    Copyright (c...

5/3,K/27 (Item 1 from file: 810)
DIALOG(R)File 810: Business Wire
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0858464 BW1053

NTN COMMUNICATIONS : NTN Network Offers Limited Games Schedule Until Customer
Satellite Dish Realignment Is Complete

May 22, 1998

Byline: Business & Entertainment Editors/Technology Writers
...a limited game schedule. The NTN system was
designed to revert to a back-up system in each individual location's
PC hard drive upon disruption
 of satellite transmission. NTN also has
the ability to communicate with sites via a telephone modem
connection
within the NTN system
    Sokol added, "We estimate that the labor charges
 associated with
realigning the dishes will cost the company about $300,000 to $400,000

in the current quarter. We are fortunate in that the...

...compete. The new start date will be June
12.
        NTN Communications Inc. (AMEX:NTN) is a leading producer and
programmer of interactive television, online and Internet
entertainment. Based in Carlsbad, Calif., the company broadcasts to a
variety of delivery platforms 24 hours a day, providing multi-player
sports and trivia games through hospitality locations such as bars,
restaurants and hotels. NTN's content is also available through
America Online (keyword: ntn). The company's website is located at
www.ntn.com

        CONTACT: NTN Investor Relations
                 Jon Williams, 760...

? b business

        10nov08 08:35:37 User264682 Session D44.6
              $10.03   1.798 DialUnits File9
     $10.03 Estimated cost File9
              $12.51   2.241 DialUnits File15
     $12.51 Estimated cost File15
              $33.61   6.024 DialUnits File16
                $6.64   4 Type(s) in Format   3
              $6.64   4 Types
     $40.25 Estimated cost File16
              $22.05   17.643 DialUnits File20
                $10.22 7 Type(s) in Format   3
              $10.22 7 Types
     $32.27 Estimated cost File20
              $9.56   1.713 DialUnits File47
                $3.84   3 Type(s) in Format   3
              $3.84   3 Types
     $13.40 Estimated cost File47
              $1.59   0.359 DialUnits File98
      $1.59 Estimated cost File98
              $49.26   8.829 DialUnits File148
                $6.64   4 Type(s) in Format   3
              $6.64   4 Types
     $55.90 Estimated cost File148
              $4.34   0.778 DialUnits File160
      $4.34 Estimated cost File160
              $7.62   1.366 DialUnits File275
                $2.25   3 Type(s) in Format 95 (KWIC)
              $2.25   3 Types
      $9.87 Estimated cost File275
              $0.34   0.093 DialUnits File369
      $0.34 Estimated cost File369
              $0.26   0.072 DialUnits File370
      $0.26 Estimated cost File370
              $11.21   2.221 DialUnits File484
                $1.59 1 Type(s) in Format   3
              $1.59 1 Types
     $12.80 Estimated cost File484
              $2.62   0.598 DialUnits File553
      $2.62 Estimated cost File553
              $1.89   1.818 DialUnits File610
                $2.80 2 Type(s) in Format   3

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                $2.80   2 Types
      $4.69  Estimated cost File610
                $2.07    1.989 DialUnits File613
                  $2.80   2 Type(s) in Format   3
                $2.80   2 Types
      $4.87  Estimated cost File613
                $16.44    2.947 DialUnits File621
                  $1.98   1 Type(s) in Format   3
                $1.98   1 Types
     $18.42  Estimated cost File621
                $5.14    0.881 DialUnits File624
      $5.14  Estimated cost File624
                $0.54    0.518 DialUnits File634
      $0.54  Estimated cost File634
                $8.30    1.488 DialUnits File635
      $8.30  Estimated cost File635
                $13.84    2.481 DialUnits File636
                  $1.50   1 Type(s) in Format   3
                $1.50   1 Types
     $15.34  Estimated cost File636
                $2.45    0.460 DialUnits File647
                  $3.10   1 Type(s) in Format   3
                $3.10   1 Types
      $5.55  Estimated cost File647
                $0.86    0.204 DialUnits File674
      $0.86  Estimated cost File674
                $2.40    0.402 DialUnits File696
      $2.40  Estimated cost File696
                $0.75    0.722 DialUnits File810
                  $1.41   1 Type(s) in Format   3
                $1.41   1 Types
      $2.16  Estimated cost File810
                $1.06    1.024 DialUnits File813
                  $1.41   1 Type(s) in Format   3
                $1.41   1 Types
      $2.47  Estimated cost File813
                OneSearch, 25 files, 58.670 DialUnits FileOS
      $5.33  INTERNET
    $272.25  Estimated cost this search
    $678.91  Estimated total session cost  90.976 DialUnits
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          (c) 2008 Institution of Electrical Engineers
  File    6:NTIS 1964-2008/Nov W3
          (c) 2008 NTIS, Intl Cpyrght All Rights Res
  File    8:Ei Compendex(R) 1884-2008/Oct W4
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for details.
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        (c) 2008 Info.Sources Inc
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        (c) 2008 The New York Times
File 475:Wall Street Journal Abs 1973-2008/Nov 08
        (c) 2008 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 Gale/Cengage
*File 583: This file is no longer updating as of 12-13-2002.

      Set   Items   Description
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? s (PD < 20031217) and (content or document) (15N) (distribut? or redistribut?
or deliver? or transfer? or transmit?) (40N) (network or Internet) and (bill? or
pay or payment or charg?)


Processing
Completed processing all files
        38121275  PD<20031217
         1673646  CONTENT
          367206  DOCUMENT
         5225056  DISTRIBUT?
          118870  REDISTRIBUT?
          888196  DELIVER?
         2916377  TRANSFER?
          685436  TRANSMIT?
         2193183  NETWORK
          557633  INTERNET
           14682  (CONTENT OR DOCUMENT)(15N)((((DISTRIBUT? OR REDISTRIBUT?)
                  OR DELIVER?) OR TRANSFER?) OR TRANSMIT?)(40N)(NETWORK OR
                  INTERNET)
          550446  BILL?
          209515  PAY
           68804  PAYMENT
         2098972  CHARG?
     S1     288  (PD < 20031217) AND (CONTENT OR DOCUMENT) (15N)
                  (DISTRIBUT? OR REDISTRIBUT? OR DELIVER? OR TRANSFER? OR
                  TRANSMIT?) (40N) (NETWORK OR INTERNET) AND (BILL? OR PAY
                  OR PAYMENT OR CHARG?)


? s s1 and (terminal or client or user or customer or subscriber or distributor
or retailer or retailor) (10W) (replicat? or dupliciat? or reproduc? or copy or
deliver? or distribut? or redistribut? or transfer?) (10W) (other or another or
different or second or plurality) (3W) (terminal or client or user or customer
or subscriber)


Completed processing all files
          288  S1
        666926  TERMINAL
        143591  CLIENT
        857048  USER
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     205818    CUSTOMER
      49394    SUBSCRIBER
      37824    DISTRIBUTOR
      32656    RETAILER
          3    RETAILOR
     351971    REPLICAT?
          0    DUPLCIAT?
    1066318    REPRODUC?
     122271    COPY
     888196    DELIVER?
    5225056    DISTRIBUT?
     118870    REDISTRIBUT?
    2916377    TRANSFER?
    7164715    OTHER
    1024951    ANOTHER
    6634179    DIFFERENT
    2816305    SECOND
     196579    PLURALITY
     666926    TERMINAL
     143591    CLIENT
     857048    USER
     205818    CUSTOMER
      49394    SUBSCRIBER
       1861    (((((((( TERMINAL OR CLIENT) OR USER) OR CUSTOMER) OR
              SUBSCRIBER) OR DISTRIBUTOR) OR RETAILER) OR
              RETAILOR)(10W)((((((( REPLICAT? OR DUPLCIAT?) OR
              REPRODUC?) OR COPY) OR DELIVER?) OR DISTRIBUT?) OR
              REDISTRIBUT?) OR TRANSFER?)(10W)(((( OTHER OR ANOTHER) OR
              DIFFERENT) OR SECOND) OR PLURALITY)(3W)(((( TERMINAL OR
              CLIENT) OR USER) OR CUSTOMER) OR SUBSCRIBER)
S2        0    S1   AND (TERMINAL OR CLIENT OR USER OR CUSTOMER OR
              SUBSCRIBER OR DISTRIBUTOR OR RETAILER OR RETAILOR) (10W)
              (REPLICAT? OR DUPLCIAT? OR REPRODUC? OR COPY OR DELIVER?
              OR DISTRIBUT? OR REDISTRIBUT? OR TRANSFER?) (10W) (OTHER
              OR ANOTHER OR DIFFERENT OR SECOND OR PLURALITY) (3W)
              (TERMINAL OR CLIENT OR USER OR CUSTOMER OR SUBSCRIBER)
```

? s s2 and server (10N) (stor? or memory or maintain?) (15N) (accounting or
billing or payment or charg?) (10N) (balance or information or data)

Completed processing all files
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          0    S2
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      16506    BILLING
      68804    PAYMENT
    2098972    CHARG?
     611056    BALANCE
    4751563    INFORMATION
    9173079    DATA
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              MAINTAIN?)(15N)((( ACCOUNTING OR BILLING) OR PAYMENT) OR
              CHARG?)(10N)(( BALANCE OR INFORMATION) OR DATA)
S3        0    S2   AND SERVER (10N) (STOR? OR MEMORY OR MAINTAIN?) (15N)
              (ACCOUNTING OR BILLING OR PAYMENT OR CHARG?) (10N)
              (BALANCE OR INFORMATION OR DATA)
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? s s3 and (traffic or connection or communication) (5N) (interrupt ot interruption or disrupt?)

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      601693   TRAFFIC
      475949   CONNECTION
     1574633   COMMUNICATION
           0   INTERRUPT OT INTERRUPTION
      294513   DISRUPT?
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               OT INTERRUPTION OR DISRUPT?)
   S4      0   S3   AND (TRAFFIC OR CONNECTION OR COMMUNICATION) (5N)
               (INTERRUPT OT INTERRUPTION OR DISRUPT?)
```

? s s1 and (bill? or pay or payment or charg?) (40N) (traffic or connection or communication) (5N) (interrupt ot interruption or disrupt?)

Processing

```
         288   S1
      550446   BILL?
      209515   PAY
       68804   PAYMENT
     2098972   CHARG?
      601693   TRAFFIC
      475949   CONNECTION
     1574633   COMMUNICATION
           0   INTERRUPT OT INTERRUPTION
      294513   DISRUPT?
         119   (((BILL? OR PAY) OR PAYMENT) OR CHARG?)(40N)((TRAFFIC OR
               CONNECTION) OR COMMUNICATION)(5N)(INTERRUPT OT
               INTERRUPTION OR DISRUPT?)
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               (TRAFFIC OR CONNECTION OR COMMUNICATION) (5N) (INTERRUPT
               OT INTERRUPTION OR DISRUPT?)
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